

# INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES

[ISSN: 0975-4725; CODEN(USA): IJPS00] Journal Homepage: https://www.ijpsjournal.com



#### **Research Article**

# Medical Surveys of an Antidiabetic Medication in village area of western Maharashtra

# Sohel Ilahi mujawar, Pritam salokhe, Nilesh Chougule

Ashokrao Mane Institute of Pharmacy, Ambap.

ARTICLE INFO	ABSTRACT
Received: 24 June 2024 Accepted: 28 June 2024 Published: 01 July 2024 Keywords: Survey, health, diabetic, patient, strategies. DOI: 10.5281/zenodo.12608054	The medical survey aimed to assess the prevalence of common health conditions among the population. the survey was conducted using a structured questionnaire. This survey contributes to our understanding of public health and can inform policymakers and healthcare providers for effective interventions. This study examines the prevalence and patterns of antidiabetic medication use among individuals worldwide through the analysis of data collected from various medical surveys. The research aims to provide insights into the global burden of diabetes and the management strategies employed by
10.3261/Zell0u0.12006034	antidiabetic patients.

#### **INTRODUCTION**

Diabetes mellitus represents a significant global health challenge, with its prevalence steadily rising across the world. Antidiabetic medications play a crucial role in the management of diabetes, aiding in glycemic control and reducing the risk of complications associated with the condition. Understanding the usage patterns, effectiveness, experiences with antidiabetic patient and medications is essential for optimizing diabetes care and improving patient outcomes. Diabetes mellitus (DM) is a complex chronic illness associated with a state of high blood glucose level, or hyperglycaemia, occurring from deficiencies in insulin secretion, action, or both. The chronic

metabolic imbalance associated with this disease puts patients at high risk for long-term macro- and microvascular complications, which if not provided with high quality care, lead to frequent hospitalization and complications, including elevated risk for cardiovascular diseases.[1] Type 2 diabetes mellitus is a common and

increasingly prevalent disease and is thus a major public health concern worldwide. The International Diabetes Federation estimates that there are approximately 387 million people diagnosed with diabetes across the globe.[2]

In general, 1.4 million newly diagnosed cases in the US are being reported every year. If this trend

\*Corresponding Author: Sohel Ilahi mujawar

Address: Ashokrao Mane Institute of Pharmacy, Ambap

Email : sohelimujawar2001@gmail.com

**Relevant conflicts of interest/financial disclosures**: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.



continues, it is projected that in 2050 one in three Americans will have diabetes. Patients with diabetes have increased risk of serious health complications including myocardial infarction, stroke, kidney failure, vision loss, and premature death. Diabetes, with its associated side effects, remains the seventh leading cause of mortality in the US. The World Health Organization estimates that by 2030, mortality related to diabetes will double in number if not given deliberate attention.[3]

The ADA has released a range of recommendations called Standards of Medical Care in Diabetes to improve diabetes outcomes. The recommendations include cost-effective screening, diagnostic and therapeutic strategies to prevent, delay, or effectively manage T2DM and its life-threatening complications.[4]

# **Background:**

Diabetes mellitus encompasses a group of disorders characterized metabolic by hyperglycemia, resulting from defects in insulin secretion, insulin action, or both. According to the International Diabetes Federation (IDF), an estimated 537 million adults aged 20-79 were living with diabetes worldwide in 2021. In India alone, approximately 77 million adults were affected by the condition, highlighting the urgent need for effective diabetes management strategies. The armamentarium of antidiabetic medications has expanded significantly over the past few decades, offering healthcare providers and patients a wide range of options for glycemic control. These medications include insulin. oral hypoglycemic agents (such as metformin. sulfonylureas, DPP-4 inhibitors, SGLT2 inhibitors), glucagon-like peptide-1 receptor agonists (GLP-1 RAs), and others.

#### **Purpose of the Survey:**

This survey aims to assess various aspects related to the use of antidiabetic medications among individuals diagnosed with diabetes mellitus. Specifically, the survey seeks to:

1. Evaluate the prevalence and patterns of antidiabetic medication use among individuals with diabetes.

2. Assess the effectiveness of different classes of antidiabetic medications in achieving glycemic control and preventing complications.

3. Explore patient experiences, preferences, and satisfaction with antidiabetic medications, including perceived efficacy, tolerability, and ease of use.

4. Identify barriers and challenges to adherence and persistence with antidiabetic medications.

5. Inform healthcare providers, policymakers, and other stakeholders about the real-world utilization and outcomes associated with antidiabetic medications, with the ultimate goal of improving diabetes care and management.

Surveys are common in medical research. Although survey research may be subject to inherent self- report bias, surveys have a great impact on policies and practices in medicine, often forming the basis for recommendations or new guidelines. [5,6]

A medical survey is a type of market research that researchers conduct to gain insight into the health and well-being of a population. The goal of a medical survey is to collect information about the prevalence of specific diseases and conditions.

Surveys are important tools for answering questions on topics that are difficult to assess

using other methods. Surveys are important tools for answering questions on topics that are difficult to assess using other methods. Surveys are important tools for answering questions on topics that are difficult to assess

using other methods.

Surveys are important tools for answering questions on topics that are difficult to assess using other methods. They allow us to gather data systematically from subjects by asking questions,



in order to make inferences about a larger population.[7]

Clinicians use surveys to explore the opinions, beliefs, and perceptions of a group, or to investigate physician practice patterns and adherence to clinical guidelines. They may also use surveys to better understand why patients are not engaging in recommended behavioural or lifestyle changes.[8]

# **Diabetes Mellitus:**

Diabetes mellitus (DM) also known as simply diabetes, is a group of metabolic diseases in which there are high blood sugar levels over a prolonged period This high blood sugar produces the symptoms of frequent urination, increased thirst, and increased hunger. Untreated, diabetes can cause many complications. Acute complications include diabetic ketoacidosis and nonketotic coma. hyperosmolar Serious long-term complications include heart disease, stroke, kidney failure, foot ulcers and damage to the eyes. Diabetes is due to either the pancreas not producing enough insulin, or the cells of the body not responding properly to the insulin produced. There are three main types of diabetes mellitus:

- Type 1 DM results from the body's failure to produce enough insulin. This form was previously referred to as "insulin-dependent diabetes mellitus" (IDDM) or "juvenile diabetes". The cause is unknown
- Type 2 DM begins with insulin resistance, a condition in which cells fail to respond to insulin properly. As the disease progresses a lack of insulin may also develop. This form was previously referred to as "non-insulin-dependent diabetes mellitus" (NIDDM) or "adult-onset diabetes". The primary cause is excessive body weight and not enough exercise.
- Gestational diabetes, is the third main form and occurs when pregnant women without a previous history of diabetes develop a high

blood glucose level. [9] diseases in which there are high blood sugar levels over a prolonged period This high blood sugar produces the symptoms of frequent urination, increased thirst, and increased hunger. Untreated, diabetes can cause many complications. Acute complications include diabetic ketoacidosis and nonketotic hyperosmolar coma.

Serious long-term complications include heart disease, stroke, kidney failure, foot ulcers and damage to the eyes. Diabetes is due to either the pancreas not producing enough insulin, or the cells of the body not responding properly to the insulin produced. There are three main types of diabetes mellitus:

- Type 1 DM results from the body's failure to produce enough insulin. This form was previously referred to as "insulin-dependent diabetes mellitus" (IDDM) or "juvenile diabetes". The cause is unknown
- Type 2 DM begins with insulin resistance, a condition in which cells fail to respond to insulin properly. As the disease progresses a lack of insulin may also develop. This form was previously referred to as "non-insulin-dependent diabetes mellitus" (NIDDM) or "adult-onset diabetes". The primary cause is excessive body weight and not enough exercise.
- Gestational diabetes, is the third main form and occurs when pregnant women without a previous history of diabetes develop a high blood glucose level Prevention and treatment involve a healthy diet, physical exercise, not using tobacco, and being a normal body weight. Blood pressure control and proper foot care are also important for people with the disease. Type 1 diabetes must be managed with insulin injections. Type 2 diabetes may be treated with medications with or without insulin. Insulin and some oral medications can cause low blood sugar Weight loss surgery in



those with obesity is an effective measure in those with type 2 DM. Gestational diabetes usually resolves after the birth of the baby. Prevention and treatment involve a healthy diet, physical exercise, not using tobacco, and being a normal body weight. Blood pressure control and proper foot care are also important for people with the disease. Type 1 diabetes must be managed with insulin injections. Type 2 diabetes may be treated with medications with or without insulin. Insulin and some oral medications can cause low blood sugar. Weight loss surgery in those with obesity is an effective measure in those with type 2 DM. Gestational diabetes usually resolves after the birth of the baby.

# Signs and symptoms:

The classic symptoms of untreated diabetes are weight loss, polyuria (frequent urination), polydipsia (increased thirst), and polyphagia (increased hunger). The classic symptoms of untreated diabetes are weight loss, polyuria (frequent urination), polydipsia (increased thirst), and polyphagia (increased hunger). Symptoms may develop rapidly (weeks or months) in type usually develop much more slowly and may be subtle or absent in type Several other signs and symptoms can mark the onset of diabetes, a not specific to the disease. In addition to the known ones above, they include blurry vision, headache, fatigue, slow healing of cuts, and itchy skin. Prolonged high blood glucose can cause glucose absorption in the lens of the eye, which its shape, resulting in vision changes. A number of skin rashes that can occur in diabetes is collectively known as Symptoms may develop rapidly (weeks or months) in type usually develop much more slowly and may be subtle or absent in type Several other signs and symptoms can mark the onset of diabetes, a not specific to the disease. In addition to the known ones above, they include blurry vision, headache, fatigue, slow healing of cuts, and

itchy skin. Prolonged high blood glucose can cause glucose absorption in the lens of the eye, which its shape, resulting in vision changes. A number of skin rashes that can occur in diabetes are collectively known as Diabetic emergencies. [10,11,12]

# Literature review:

James Bagonza ck of adherence to anti-diabetic medication causes suboptimal blood sugar control among patients with diabetes and can lead to treatment failures, accelerated development of complications and increased mortality. This study assessed factors associated with adherence to antidiabetic medication in rural eastern Uganda

**Sushmita Khan** The usage of medicinal plants is traditionally rooted in Bangladesh and still an essential part of public healthcare. Recently, a dramatically increasing prevalence brought diabetes mellitus and its therapy to the focus of public health interests in Bangladesh. We conducted an ethnobotanical survey to identify the traditional medicinal plants being used to treat diabetes in Bangladesh and to critically assess their anti-diabetic potentials with focus on evidence-based criteria.

**Dr Rutuja** Management of Diabetes in tribal populations who have lower access to education and health care services poses unique challenges. Understanding patterns at local level will help implement comprehensive primary care services better

**P. Nagaraja** Rao Diabetes mellitus is a group of metabolism disorder (A. J. Boulton., 2005) resulting from defects in insulin secretion or synthesis reduced sensitivity of the tissues to insulin action or both (Lanza et al., 1999). It is characterized by chronic high blood glucose that causes glycation of body protein which could lead to severe complications.

**Satyajit Patnaik** Treatment adherence will help to achieve good glycaemic control among diabetics and will lead to lesser complications associated



with the disease. This study was carried out to determine the compliance to treatment among previously diagnosed diabetic patient and their level of glycaemic control, in a rural area. Materials and Methods: This cross sectional study was conducted among all previously diagnosed diabetics above 30 years, on treatment for more than 6 months. Nonadherence was defined as "missing more than 2 doses" in the last 15 days. Glycaemic control was assessed by performing glycated haemoglobin (HbA1c). Results: Among 155 people interviewed, 140 (90.3%) were found to be compliant to the treatment.

# What Is Mean By Medical Survey?

A medical survey typically refers to a research method used to gather information about various aspects of health, illness, medical practices, or healthcare services. These surveys are designed to collect data from a sample of individuals or often questionnaires. populations, using interviews, or other data collection techniques. Medical surveys can cover a wide range of topics, including prevalence of diseases, risk factors, treatment outcomes, patient satisfaction, healthcare access, and healthcare utilization patterns. The data collected from medical surveys is often used to inform healthcare policy, guide medical research, assess the effectiveness of healthcare interventions, and improve healthcare delivery. The introduction to a medical survey is typically the opening section that provides background information and context for the survey. It serves to introduce the purpose, objectives, and scope of the survey to the participants or readers. Here are some key components that may be included in the introduction of a medical survey:

**1. Purpose:** Clearly state the main goal or objective of the survey. This could be to gather information about a specific health issue, assess healthcare needs, evaluate the effectiveness of a

treatment or intervention, or explore healthcare utilization patterns, among other possibilities.

**2. Background:** Provide relevant background information to contextualize the survey topic. This may include information about the prevalence of a particular health condition, recent developments in medical research or healthcare policy related to the topic, or any other pertinent information that helps to frame the survey.

**3. Importance:** Explain why the topic of the survey is important and why it warrants investigation. Discuss the potential implications of the survey findings for healthcare practice, policy, or research.

**4. Scope:** Outline the scope of the survey, including the target population (e.g., patients with a specific medical condition, healthcare providers, general population), the geographic area covered, and the time frame of the survey.

**5.** Confidentiality and Ethics: Assure participants of the confidentiality of their responses and explain any ethical considerations involved in conducting the survey, such as obtaining informed consent and protecting participant privacy.

**6. Instructions:** Provide instructions for completing the survey, including any specific guidelines for responding to questions or providing feedback.

# Worldwide Diabetes Statistics:

Diabetes is indeed a significant worldwide problem with far-reaching implications for public health, healthcare systems, and individuals. Here's an overview of why it's considered a global concern:

**1. Prevalence:** Diabetes is increasingly prevalent worldwide. According to the International Diabetes Federation (IDF), approximately 537 million adults (aged 20-79) were living with diabetes in 2021, and this number is projected to rise to 784 million by 2045. Both type 1 and type 2 diabetes contribute to this burden.[13]

**2. Health Impacts:** Diabetes can lead to a range of serious health complications, including cardiovascular disease, kidney disease, nerve damage, vision loss, and lower limb amputations. It significantly reduces quality of life and life expectancy if not managed effectively.

**3. Economic Costs:** Diabetes imposes substantial economic costs on individuals, families, healthcare systems, and societies. These costs include expenses related to medical care, treatment, complications, disability, and lost productivity. The IDF estimates that global healthcare expenditure on diabetes was USD 850 billion in 2019.[14]

**4. Risk Factors:** Diabetes is influenced by various risk factors, including genetics, lifestyle factors (such as unhealthy diet, physical inactivity, and obesity), socio-economic factors, and environmental factors. Urbanization, sedentary lifestyles, and unhealthy dietary patterns contribute to the rising prevalence of diabetes worldwide.

**5. Health Disparities:** Diabetes disproportionately affects certain populations, including ethnic minorities, Indigenous peoples, and socio-economically disadvantaged groups. These disparities may be due to differences in access to healthcare, education, healthy food, and other social determinants of health.[15]

6. Challenges in Management: Effective management of diabetes requires a comprehensive approach that includes lifestyle modifications, medication, regular monitoring, and access to healthcare services. However, many people with diabetes face barriers to accessing these services, including financial barriers, lack of education, and inadequate healthcare infrastructure.

worldwide diabetes ratio:

last update in January 2022, the worldwide ratio of diabetes varies depending on the type of diabetes and the population being considered.

**1. Type 1 Diabetes:** Type 1 diabetes accounts for approximately 5-10% of all diabetes cases worldwide. It is more common in children and young adults but can occur at any age. The global incidence of type 1 diabetes is increasing, particularly in younger age groups.

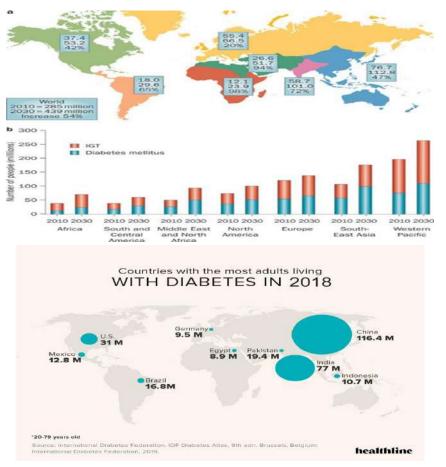
**2. Type 2 Diabetes:** Type 2 diabetes is the most common form of diabetes, accounting for the majority of cases worldwide. It is strongly associated with lifestyle factors such as unhealthy diet, physical inactivity, and obesity. The prevalence of type 2 diabetes varies widely by region, with higher rates observed in urban areas and among certain ethnic groups.

**3. Gestational Diabetes:** Gestational diabetes occurs during pregnancy and affects approximately 1 in 7 births globally. Women with gestational diabetes have an increased risk of developing type 2 diabetes later in life, and their children are also at higher risk of obesity and type 2 diabetes.

**4. Overall Prevalence:** According to the International Diabetes Federation (IDF), approximately 1 in 10 adults aged 20-79 worldwide had diabetes in 2021. This translates to around 537 million adults. However, the prevalence of diabetes varies significantly by region, with higher rates observed in low- and middle-income countries.

**5. Trends:** The global prevalence of diabetes has been steadily increasing over the past few decades, driven by factors such as population growth, aging populations, urbanization, and changes in lifestyle behaviours. If current trends continue, it is projected that the number of people with diabetes will continue to rise in the coming years.





#### **Diabetes Problem In India:**

Diabetes is a significant and growing health problem in India, presenting several challenges to public health and healthcare systems.

**1. High Prevalence:** India has one of the highest numbers of people living with diabetes globally. According to the International Diabetes Federation (IDF), India had an estimated 77 million adults aged 20-79 living with diabetes in 2021. This number is expected to increase to 134 million by 2045 if current trends continue.

**2. Rising Incidence:** The prevalence of diabetes in India has been steadily increasing over the past few decades, driven by factors such as rapid urbanization, sedentary lifestyles, unhealthy dietary patterns, and genetic predisposition. Type 2 diabetes is particularly common, accounting for the majority of diabetes cases in India. [16,17]

**3. Early Onset:** Diabetes in India often occurs at a younger age compared to Western countries.

This early onset increases the risk of developing complications such as cardiovascular disease, kidney disease, and neuropathy at a relatively young age, leading to a significant burden of morbidity and mortality.

**4. Regional Variations:** There are significant regional variations in the prevalence of diabetes within India, with higher rates observed in urban areas compared to rural areas. However, diabetes is also increasingly becoming a rural health problem due to changes in lifestyle and dietary habits. [18,19]

**5. Challenges in Management:** Managing diabetes in India faces several challenges, including limited access to healthcare services, inadequate infrastructure for diabetes care, shortage of healthcare providers trained in diabetes management, high out-of-pocket healthcare expenditures, and low awareness about the



condition and its complications among the general population.

6. Complications and Economic Burden: Diabetes and its complications impose a significant economic burden on individuals, families, and the healthcare system in India. The costs associated with medical care, treatment of complications, loss of productivity, and disability can be substantial and contribute to poverty and socioeconomic disparities. [20,21]

# **Diabetic patient ratio in India:**

**1. High Prevalence:** India has a large population of individuals living with diabetes. The IDF estimated that approximately 77 million adults aged 20-79 in India had diabetes in 2021.

2. Urban-Rural Divide: While diabetes is prevalent across both urban and rural areas of India, the prevalence tends to be higher in urban areas due to factors such as changing lifestyles, increased consumption of processed foods, reduced physical activity, and higher stress levels. However, the gap between urban and rural prevalence rates is narrowing as urbanization spreads to rural areas.

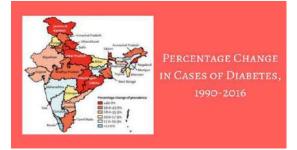
**3. Type 2 Diabetes Dominance:** Type 2 diabetes is the most common form of diabetes in India, accounting for the vast majority of cases. This is often attributed to lifestyle factors such as poor diet, lack of physical activity, and obesity, as well as genetic predisposition.

**4. Increasing Incidence:** The incidence of diabetes in India is increasing, particularly among younger age groups. This trend is concerning as diabetes at a younger age increases the risk of developing complications such as cardiovascular disease, kidney disease, and neuropathy.

**5. Challenges in Management:** Managing diabetes in India faces numerous challenges, including limited access to healthcare services, shortage of trained healthcare professionals, high out-of-pocket healthcare expenditures, and low

awareness about the condition and its complications among the general population.

**6. Economic and Social Impact:** Diabetes and its complications impose a significant economic burden on individuals, families, and the healthcare system in India. The costs associated with medical care, treatment of complications, loss of productivity, and disability can be substantial and contribute to poverty and socioeconomic disparities.



#### Aim of work:

Medical Surveys of an Antidiabetic Medication in village area of western Maharashtra.

#### **OBJECTIVES:**

**1. Research and Data Collection:** Surveys help gather data on various medical conditions, treatments, and healthcare practices. This data can be used for research purposes to understand disease prevalence, treatment efficacy, patient demographics, and healthcare trends.

**2. Public Health Planning:** Surveys provide insights into public health needs and help in planning and implementing healthcare programs. For example, surveys on vaccination coverage can help identify areas with low immunization rates and target interventions accordingly.

**3. Quality Improvement:** Surveys can be used to assess the quality of healthcare services and identify areas for improvement. Patient satisfaction surveys, for instance, provide feedback on the patient experience and help healthcare providers enhance the quality of care they deliver.

**4. Disease Surveillance:** Surveys play a crucial role in disease surveillance by monitoring the

spread of infectious diseases and tracking changes in disease patterns over time. Surveillance surveys help identify outbreaks, assess the effectiveness of control measures, and inform public health responses.

5. Effectiveness Evaluation: Surveys can assess the effectiveness of anti-diabetic drugs in realworld settings by gathering data on patient outcomes such as glycaemic control. and quality complications, of life. This information complements data from clinical trials and provides insights into how these drugs perform in diverse patient populations and clinical settings.

**6.** Adherence and Compliance: Surveys help evaluate patient adherence and compliance to antidiabetic medication regimens. Understanding factors influencing medication adherence, such as side effects, cost, and patient education, can inform strategies to improve treatment adherence and health outcomes.

**7. Safety Monitoring:** Surveys contribute to postmarketing surveillance of anti-diabetic drugs by detecting and monitoring adverse drug reactions (ADRs) and unexpected side effects in larger patient populations. This ongoing pharmacovigilance is essential for identifying potential safety concerns and ensuring the continued safety of these medications.

**8.** Patient Preferences and Satisfaction: Surveys can assess patient preferences for different antidiabetic drugs and treatment modalities, as well as patient satisfaction with their current medication regimen. Understanding patient perspectives helps tailor treatment plans to individual needs and preferences, ultimately improving patient engagement and treatment outcomes.

**9. Quality of Care and Treatment Disparities:** Surveys help assess the quality of care received by patients with diabetes, including access to antidiabetic drugs, healthcare services, and diabetes education programs. By identifying disparities in care delivery and treatment outcomes across different population groups, surveys support efforts to reduce healthcare inequalities and improve the overall quality of diabetes care.

#### Medical Survey Procedure:

1. Research Objective: Define the purpose of the survey. Are you looking to gather information on the prevalence of diabetes, treatment methods, patient satisfaction, or any other specific aspect related to antidiabetic patients? Develop a structured questionnaire that includes both closedended (multiple-choice) and open-ended questions to gather quantitative and qualitative data. Identify the target population for the survey. In this case, it would be antidiabetic patients. Consider factors like age, gender, type of diabetes, treatment regimen, etc Ensure that participants are informed about the purpose of the survey, their rights, and how the data will be used. Obtain their consent to participate.

**Engagement with Medical Shops:** Encourage collaboration with local medical shops to ensure availability and accessibility of antidiabetic medications in rural areas. Develop a structured questionnaire that includes both closed-ended (multiple-choice) and open-ended questions to gather quantitative and qualitative data. Identify the target population for the survey.

**Consultation with Doctors:** Advocate for regular visits by doctors or healthcare professionals to rural medical shops.

#### Data Analysis:

Once the data is collected, analyse it using statistical methods to draw meaningful conclusions. Look for patterns, trends, and correlations in the data.

#### **Preparation Of Formate**

		CHEMIST	SURVEY REPOR	۲T		
NEME OF B E-						
TOWN-				DATE		
NAME OF CHEMIST-				ADDRE	SS	
CONTACT PERSON-				PHONE	NO.	
PRODUCT SELECTED FOR RCF	PA: -					
COMP.BRAND NAME	COMPANY	DRUG	AREA	QUL/SPL	APPROX	STOCKIST COVERED
		NAME			QTY SALE	
					/WEEK	

# **Survey Report:**

COMPERAND CO NAME CILI TRIAL A. GLUCOWIN RE LIS CLE NEGAR N. 19	lantie	197. maarina/145411415107 aaarina/145411415107 aarina maarina aarina aarina aarina arina aarina aarina aarina aarina aarina aarina aarina	MAN	#990ADT		
CLE NEGIAE HE IN		CATING TO DOM (DECORD) AND THE REPORT OF		SALL/AULT		
CET MEANAE HE I'M	0000	ALIVATION LOTING HANNIN NOT BOOK	INT			
CET MEANNE HE I'		allow failer, Flaghener ( protonie pr.) (Primarie) States	A VEHE	80-00		
	Salthal ]	na south the colonis for a new presence of	PAIR	Borge		
atterphase P	ANTI-	Mathematic Markets , p. 1 - and page	LAVE	00-100		
		unitario memoriale para sector for territor anime ar	K fy#	85.98		
A REAL PROPERTY AND A REAL	作用?	2 chants seather we likeway and arrow			ALL THE ALL TH	
CONTACT PERSON- 82	1254			20.00	ALTIN A COLORADO	
CONTACT PERSON- 82	NEATH 2.2541 DMPANY	2. clamici season and annon and anno 22.75 <sup>10</sup> /2016 biogram	P APEA	2010		
CONTACT MISSON 50 COMPERAND CO NAME	DAPANY DMPNNY	DHIG NAME DHIG NAME WALKARE MODULESE IF DE MG		Atter Atter	ALTA A DE BARRA CA BARRA CA BARA CA BARRA CA BARRA CA BARRA CA BARA CA BARRA CA BARRA CA BARA	NI GUA MANANA MANANA STOCKET
CONTACT MISCH- 50 COMPERAND CO NAME RELIGISE -0-4 Bio RELIGISE -0-4 Bio	Chen Chen	USIGN PROMING BE TO WATER DELO NAME Valideza materiae straining Validezae Glimpide Emphanics of Doing Tablet	NEA P. P.C.C. D. P.M.	AFFIC SULA AFFIC SULA AFFIC SULA	Alte Valle Rente Call Rente Call	HILLOA TOORF COLEHED /DH ISAGE/
CONTACT PERSON: 80 COMPENAND CO NAME PERIOD	DAPANY DMPNNY	USIAS NONE NO. 32 77 44374 DUC NAME Validities nations for an ag Validities Gimpide Anatherian in Compg Pablic	NEA P. P.C.C. D. P.M.	9010 9110 9110 9110 9110 910		STOORE STOORE CONEND (DH) STOORE (DH)
солтаст нівкон. <u>8</u> ,0 сомрежано NAME 2012.06.56 -0-1. Віск 2019.00/5 /10-1. ТА 2019.00/5 /10-1. ТА 2019.00/5 /10-1. Віск	Chen Inned	USIGN PROMING BE TO WATER DELO NAME Valideza materiae straining Validezae Glimpide Emphanics of Doing Tablet	NEA P. P.C.C. D. P.M.	100 100 100 100 100 100 100 100 100 100	Alte Valle Rente Call Rente Call	HILLOA TOORF COLEHED /DH ISAGE/



-		TIN DOWNST SUNICE MILLION			
NUME OF DE SAL	ा क्षेत्रे केल्क्रियों त्रा सार्वत के कि सोवायु	महायमस्त् (ता रुवा) कार (तु विवनिष्टी मेहीकरम् हाराम्मर्ग, कार (तु विवन्हीरित देव (ते रिवा)			
CONTRES PERSON	nin 940357899	R. MASSANNOT READ AND ADDRESS OF THE			
	and the second second		401		
GLINRE - MI	F USW PLT	Stipile and Mettinin Mallets 20	Val oper	60-70	Par matalant
A level of the set	CONTRACTOR OF THE OWNER OWNE	Catherdrin Maderial to the Call Contract of the and the		70-80	Sill piercus
GEMER R.	Bur chara	M chini Mahalada Balaga Alan al Mangala Salah Mahan Mahalada Balaga Alan di Mangala Salah 78	belgen.	10-22	agrilled in
GEMER 052	Si phoma	Mellion Rytadiate hologal falme & filmegorde Table IP	mare .	90-100	Alt plane 12.8
				availes .	
				5/1. 500	REF DEVICIAL MECHO
		nerostre as a sanut		10	
NEME OF BE- SCHUT	Lines muy	OKINST SAVES KOOL DIJJSY			
town another	Par V.	alder war aples here			
NUME OF CHEMICE	Par V.	alder war aples here			
TOWN (Durdling) MANE OF CHEMICS CONTRECT PERSON	Par Jas	alder war aples here			
TOWN COUNTRY OF CHEMICS CONTACT PERSON CONTACT PERSON	COMPANY	aniser 2017 annes de chister 2017 manero Deserve	殿族	APRO 21 MILAIB	PECKET CLARE
TOWN (Develop) MARE OF OFFICE ( CONTRECT PERSON CONTRECT PERSON CONTREPAND NAME 27% (C. Bett); - 0, 1,	COMPANY	niver and reflections fl nones of disting nonesso onessure Verificence making if or zong	Polyton	APROLET MALMER C.CTC	and these Sali (Shere) U.
TOWN COUNTRY OF CHEMICS CONTACT PERSON CONTACT PERSON	COMPANY	ander 2017 under Affentiner 2017 maneren 2015 were Verstikeeter Treklat (P. 512.mp Diagh Parane 4.15 maldwerk werten fahlet fin	Todger"	ATTENT	
TOWN (Develop) MANE OF CHEMIS CONTRECT HERSON COMPERAND NAME 274-R (Set); - 0-1. Glycch-ed/Rece	COMPANY	niver and reflections fl nones of disting nonesso onessure Verificence making if or zong	Todger"	ATTENT	al fred U
town andhar connernescu connernescu connernescu connerno uwe zerrebno Gipcohentarco Gipcohentarco Gimponetesca	Pir dis Control Control Program Progra	nuer en og forfatte et noren til djally norenn besting fog fordet og of ang fog fordet og of ang fog fordet og of ange funderen bestage fordet og of ange fordet og of ange for ange fordet og of ange for ange for ange for an	Polipian Sudgeon Sudgeon Sudgeon	APROLET SALMER Conno Senno denzel Senno	Call ( Norre U) Forechal Tarnet Mandri Calo Johnman
TOWN CONTRACTOR	Pir dis Control Control Program Progra	nier 2011 ann ag foi iste 27 annes 78 distr 2011 annes 2011 anne i chille (P or 2 mp Acgli Parane i condition i milien i anter 10 Gimegnele of mg P mathemis acter form	Polipian Sudgeon Sudgeon Sudgeon	APROLOTI MALMER Conc Scond dence Scond dence Scond dence	cultiplaness Tapachal Tapachal Caus Anna C
TOWN CONTRACTOR	Pir dis Control Control Program Progra	nuer en og forfatte et noren til djally norenn besting fog fordet og of ang fog fordet og of ang fog fordet og of ange funderen bestage fordet og of ange fordet og of ange for ange fordet og of ange for ange for ange for an	Polipian Sudgeon Sudgeon Sudgeon	анцира милита Сропе Яслад делец Ку-ду дотк	Call ( Norre U) Forechal Tarnet Mandri Calo Johnman

NEWE OF ILE COULD	0.1001.0				
town fandling		same the Markensee			
MAME OF OHIMST				14/15. 20	
CONTRACT TERSON 7 COMPERANCE MARK	CENTRATEC	new to Mary Mal			STOONS' CONFIED
Glyconn 15	Linditis	Climenide Wegilloware & new forma verter record		60.70	
Glyciphone	FRANCE-M			10:50	
GHCipkay RD			day	80.90	
Hiemate		methomin see millinged percent a Martile		90.4100	
	Luflarto	Medicine Met (PE) & Glimonide Tables I p		60.85	and planes
menter alut		CHEMIST SUBJECT REPORT			
		Land No.			
IOWN Familian	100	ugudor war lokulturu			
nown <i>Panellian</i> NAME OF CHEMST- PH	107 Sjonskal Me	allalior			
nown <i>Panellian</i> NAME OF CHEMST- PH	107 Sjonskal Me	allallar and lefterlined alied accepts Peth Vadgeen 37 manual 1977	452	Luniorco	pogat cureto
iown <i>Panellian</i> wheorchevist Pr onnactresson 9/	107 Umasi vi Ma 8901484 COMMM	allallar Dat lefebliere Sleel anders Peth Vadgeen , 27 Marsha 9870/68477 and WWE	Allen	SALE-WEX	
town <i>Panelliar</i> vane of chewist. Pr confort pession <u>91</u> comparano nume	/or Umsilial Ma 890/484) commo	10700000 10700000 10700000000000000000	Yadqoo	SHEAMER , JOING	O Roj. Made
IOWN <i>PUNCTION</i> WAR OF CHENST PI CONTRET PESSON 97 COMPARANO NAME IMARYJ. M	/or Strastal Me 890/4847 common Sanafi	10700000 10700000 10700000000000000000	Yadqoo	SUE MIEX 90.81 80.9	0 Ratio Made
rown Penellian WAREGE CHEVIST Pr CONDECT PESSON 97 CONDERAND HAME IMARYJ, M AJRA - MRM	10r Honshei Me 8901484 COMMAN Sanshi	2017201077 101720121012000000 77 10002000 Peth. Vandgaren , 77 100020000 17050000000000000000000000000000000	Hadgeon , Wadgeon	SUE MIER 90.9	0 Rajephelic e special phone o surcy phones
Alver	107 Umaikul Ma 890/484 countur Sanafi USV. PLT. T.NTAS	10/20107 1010- 10/20/1000 1010- 10/20/1000 1010- 10200 1010- 10200 1000- 10000 1000- 100000 1000- 10000 1000- 10000 1000- 1000	Madgaar Nadgaar Nadgaar	SHEMEX 70.9 90.9 00.0 10-7	0 Raj-Madin c Bushi phon 0 Surra pharmo 5 Subhi phon
rown Penellian WAREGE CHEVIST Pr CONDECT PESSON 97 CONDERAND HAME IMARYJ, M AJRA - MRM	101 Admiliat Ma 2901484 COMMAN Sanofi Sanofi USV. PLT. TATAS	22/2020 TO DEF. 10/24/2024 USICAL 200255 Peth. Volgson, 27 NOVENO 98701634777 2005 UNE Pathonic, Haberlande, Bulareakolesie Salamande Sala, 72 Pathonic, Haberlande, Bulareakolesie Salamande Salamande Pathonic, Haberlande, Bulareakolesie Salamande, Bulareakolesie Pathonic, Kaberlande, Bulareakolesie Salamande, Bulareakolesie Pathonic, Kaberlande, Bulareakolesie Pathonic, Bulareakolesie Pathonic, Kaberlande, Bulareakolesie Pathonic, Kaberlande, Bulareakolesie Pathonic, Kaberlande, Bulareakolesie Pathonic, Bul	Hadgeer Nedgeer Nedgeer	SHEMER 70.9 90.9 00.8 10-7	0 Raj-Madin c Bushi phon 0 Surra pharmo 5 Subhi phon
сони <i>Porellion</i> имперіснення: Pi имперіснення: Pi имперісника имперісника имперісника имперісника имперісника имперісника имперісника имперісника имперісника имперісника имперісника имперіснення имперісно и имперісно и имперісно и и имперісно и и и и и и и и и	197 Honsbel Me B901484 COMMAN Sanafi UN PLT. TATAS TATAS	10/2010 1012 10/20/1000 1012 10/20/1000 1012 10/20/1000 1012 1010 2477 1000 1000 1010 1010 2477 1010 1010 1010 1010 1010 1000 1010 1010	Hadgeer Nedgeer Nedgeer	SUE WIEX 70.90 00.00 10-7 55	0 Ratio Medici e Subil phon e Subil phon 6 Subil phon 5 Subil phon 00 Ratio Medici
nown Rendlian www.excensest Pr connerneson 97 connerneson www. MARYJ.M AIRA - MARY yrvl-1112 2	197 Honsbel Me B901484 COMMAN Sanafi UN PLT. TATAS TATAS	22/2020 TO DEF. 10/24/2024 USICAL 200255 Peth. Volgson, 27 NOVENO 98701634777 2005 UNE Pathonic, Haberlande, Bulareakolesie Salamande Sala, 72 Pathonic, Haberlande, Bulareakolesie Salamande Salamande Pathonic, Haberlande, Bulareakolesie Salamande, Bulareakolesie Pathonic, Kaberlande, Bulareakolesie Salamande, Bulareakolesie Pathonic, Kaberlande, Bulareakolesie Pathonic, Bulareakolesie Pathonic, Kaberlande, Bulareakolesie Pathonic, Kaberlande, Bulareakolesie Pathonic, Kaberlande, Bulareakolesie Pathonic, Bul	Hadgeer Nedgeer Nedgeer	SUE WIEX 70.90 00.00 10-7 55	0 Raj-Madin c Bushi phon 0 Surra pharmo 5 Subhi phon
сони <i>Porellion</i> имперіснення: Pi имперіснення: Pi имперісника имперісника имперісника имперісника имперісника имперісника имперісника имперісника имперісника имперісника имперісника имперіснення имперісно и имперісно и имперісно и и имперісно и и и и и и и и и	197 Honsbel Me B901484 COMMAN Sanafi UN PLT. TATAS TATAS	10/2010 1012 10/20/1000 1012 10/20/1000 1012 10/20/1000 1012 1010 2477 1000 1000 1010 1010 2477 1010 1010 1010 1010 1010 1000 1010 1010	Hadgeer Nedgeer Nedgeer	SUE WIEX 70.90 00.00 10-7 55	0 Ratio Medici e Subil phon e Subil phon 6 Subil phon 5 Subil phon 00 Ratio Medici





CONTACT PERSON 3 COMP.BRAND NAME	CONDIN	Pickas dilignation	int	1995 (0	
2. AR 8051 02	PROPER	regularse fabries is one ma	PER VICE		SANT HEARING
Gauge Lopan A	anin soil		petaviction		Figuretaical
911071091015	Rousee	commence around a metadom tool at county	(Almodiger		Payonal
valicovises	Ipuard	wallwer bimpers table roman	Kunago.	9=110	osush (photoix
616-14	Bisher	explose + metsion two thillings inter	Permodian	10-71	Regiments!
NEMEOFBE Seligi TOWN pardleary	Wr	sate Miles Isans			
town pardinary wheteronemet Vij	ivit of modica	uterian Reference Server and strain value Server 1960172824			
town poxidizany www.ofoxemst.Vij contact.person 99	ivit of modica	ujawa- san Blockson RASECCY assass Strend Vadar	19	RPMOL CI SALE INFE	L
town-poxidirany www.oronewist-ViJ ovtact.renson-99 comrenuo name	olist oliveredica So 272841 COMPANY	gridani B Ageory annus straid vada S newawa 1960.728.64 December	ARSA [ARMy/ORD	SHE /ME	t Postanoical
тонин роход Глану импе окемпет «УЗ сонгаст ревоон — 99 сомперятно паме 14 No SZ=118 — U	nym cymrodicu So 272841 COMPANY SU PLT	gridani E Ageory access straid vada access straid vada access 996272224 paceware provider and 12420 factor 2010	ASSA Patrivales DEA-102	90 - 9	t Postanoiraí
toun pordian whereforenet VI ontactifies 99 conference 99 conference 99 wherefore 99 wherefore 90 wherefore 90	ovy og vordica So 272849 COMPANY SV PLT SV PLT	gridania E Ageocy access strained varian second 7900722014 molecular molecular molecular a power patter former unarchive custance power patter former unarchive custance power patter	ASA Patrivate DEA-vat	90-90-9	t Postanoir m c Postanoir m c c cuck i frendra ci n c cast men we co
toun pourtaint VJ une of chemit VJ confact presch - 39 companio nume (4NIOSZ-118 U 4100710-1855 SV P1168 DS1 SV	nlit eg voedicu so 27284 coursev av plt e n Dictore i	gridani one Blockland Blascory nonso strand varlan menero 990272225 monowe mpilar and moliskin function 2 p Menono Humoninov Custaina permit fail co nel anno Humaninov (Dubica popunt fail como un providence popunt fail	ASA Patrivata Definitati Definitati	90-9 90-30-9 900-90-9 900-90-9 900-90-9	t Pospiolicit c Pospiolicit nc Pospiolicito nc Pospiolicito pospioli pospiolicito pospiolicito pospiolicito pospiolicito pospiolicito p
toun pourtaint VJ une of chemit VJ confact presch - 39 companio nume (4NIOSZ-118 U 4100710-1855 SV P1168 DS1 SV	nlit eg voedicu so 27284 coursev av plt e n Dictore i	gridani E Ageory access straid vada access straid vada access 996272224 paceware provider and 12420 factor 2010	ASA Patrivata Definitati Definitati	90-9 90-30-9 900-90-9 900-90-9 900-90-9	t Paspiair m c a cuch promotion of Ray monious too

	Cold States of States					
NEMEOFIE	martin Oc	rangara				
NAME OF CHEMS	ALL AL	Sein Juneza Lenia	DEL 14/64/ 1024			
CONTACT PERSON	HELLERAN	En Daniel acure	Aster Fordlarpire, libour			WB/1,Plans
COMPERAND NW	WE COMMON	1	MONEND 936 8 543784			ni Pontinone Det Selayur
ter boxie	D.Im	-		AMA		
VIDALASON			- comp	Iskni		
2RR Post o D	Brothern			(15kev)		Jank Manun
Carcello de La Carcello de	ne con LEBU	de a morigiteune i	P. C. 2mg ong Melaenin Ha Takelang	fiction		
2	Williamore.	Bicauch Alog 644	ide was follow the month with		20.00	
V.DHUU-B	thouse	VOLIROST J ZING OT	Inface any a Million and			
			" ME TANK	i sepon		
town fandlin	rfur		DEMOTSOMETROOM DATE ("4/14/2014 ADDRESS DELAHIDAT/AT JUNE	red for		
NAME OF CHEMIST- L	rfur Lifelire me	sika)	CARE 14/14/2024	-yead , per		
TOWNE JOLAN (LAN NAME OF CHEMISTE L ONTIACT PERSONE &	rfur Lifelire me	sika)	an (4/14/2014 200855 Pendhartan fant	-yord for AREA	APPECIA (DT) SALE / MEDI	STOCKET COVERED
TOWN: foundling NAME OF CHEMIST: I CONTACT PERSON: 1 COMP.BRAND NAME	rfur Jfelite Ma 182269379	uical 2	DRE 14/14/2024 NODESS Chudlorian func MORENO 9/1224/374- DRUGENNE		APPROXIDITY	
TOWN PAINGLEA NAME OF CHEMIST - L ONTACT PERSON - R COMPERAND NAME OC UNITED	rfur JRelire Ma 182209379 COMBAN Dur Reddy	sical 2. Glicalist red	DRE 14/14/2024 NODESS Chudlorian func MORENO 9/1224/374- DRUGENNE	ASA	APPECIA (DT) SALE / MEDI	
тонни fandlen ниме оранонат. I сонтистренаан сомперано ниме еститне нустрени Gre	rfur Jifelire Ma 182209379 CONDENN DS-READY	usical 2. <u>Glicalist rich</u> yandrasim unidrahr	DEEL (4/164/20064) ADDESS (PLUHLORPAN FUNC MORENDAR FIREAR 37/4- DING NAME	ABA LShavy/	линакал 545/лен 60°С 5 10°Э 5	Mallon's Steve
town fandlin NAME OF CHEMIST I COMPACT PERSON E COMPERAND NAME ECUINER HYCIPPINGEC Iz plus	V/U.X JRELIYE MO (23259379 (200800) DS. Reddy DS. Reddy Promoted by Phonocolity Alembic	usical 2. <u>Glicalist rich</u> yandrasim unidrahr	Care (4/14/2024 200855 (240/107/24/2026 2008520 (21/24/25/42- Daugenaue 21/2 21/2 21/2 21/2 21/2 21/2 21/2 21/	asa 13bav/ 13bav/	44404.000 S42/4000 60103 10105 8.019.0	Makariy Searce Nani Makar Rokiqi Misec
town fandlin NAME OF CHEMIST I COMTRET PERSON COMTRET PERSON COMTRET PERSON COMTRET PERSON COMTRET PERSON Internet Comtret Seriel	V/U.X JRELIYE MO (23259379 (200800) DS. Reddy DS. Reddy Promoted by Phonocolity Alembic	ulical 2. Glicalist red Indesem widenty mediferin weyde	DEE 14/14/2024 NORES PERMITORIAL FUNC MORENO 9/2249374- DEENNE AT MAIN AP ICOM MINE PANISH PP ICOM MINE PANISH PP ICOM MINE PANISH	ABA ESbaw ESbaw ESbaw	инскол ski/мех 60°Сз 10°Эс 90°90 90°60	Makarin Secon Non Melass Rokar Meles Rokar Meles
NEMEOFEE SO TOWN PENDENSE NAME OF CHEMISE COMPACT PERSON COMPACT PERSON COMPACT PERSON Lectrimet Hydrophuliae Hydrophuliae Hydrophuliae Hydromet - Shill flamet - GPY	rfur Jfelre M Raasgare Consum Dr. Redey Phormadia Alembic USV	usical 2. Glicalisty red mesterni midsonty mesternin moyar Gnunetride facto G	DEE 14/14/2024 NORES PERMITORIAL FUNC MORENO 9/2249374- DEENNE AT MAIN AP ICOM MINE PANISH PP ICOM MINE PANISH PP ICOM MINE PANISH	NSA Libavi Libavi Libavi Libavi	инскол ski/мех 60°Сз 10°Эс 90°90 90°60	Makarin Separa Nati Malasia Rokidir Malasia Rokidir Malasi
town fandlin NAME OF CHEMIST I COMPERAND NAME COMPERAND NAME COMPERAND NAME COMPERAND NAME COMPERAND NAME COMPERAND STATE	rfur Jfelre M Raasgare Consum Dr. Redey Phormadia Alembic USV	usical 2. Glicalisty red mesterni midsonty mesternin moyar Gnunetride facto G	DEE 14/14/2024 NORES PERMITORIAL FUNC MORENO 9/2249374- DEENNE AT MAIN AP ICOM MINE PANISH PP ICOM MINE PANISH PP ICOM MINE PANISH	NSA Libavi Libavi Libavi Libavi	инскол ski/мех 60°Сз 10°Эс 90°90 90°60	Makarin Separa Nati Malasia Rokidir Malasia Rokidir Malasi

NUMERIFACE ST TONNE (REALLY MARE OF CREMEN CONTACT HEREIN	arfilt	um //er/set4 recont acous - Hossee	(Je	भीगवाते भी वेषा मार्ग्यल मिज्या	
COMPENSION USE		DOL ODA			
Glomy IT:	26. Ridly	A FIRST PROPERTY AND PERSON AND P			
Givenet	UEV	freefermin messapaiet taklets to grand		60170	
Gitcomet GP-	1 1/51		Alter	40.00	
Cityci phases				32195	
Glime - 2	On Rolly	Gimerinae Tables IF 2119		Ro-94	
town <i>Panellist</i> ) NAME OF CHEMIST	for and	ted anter stimul transfit, se	endlarp	in.	
town familiat www.orceewst connectrensen	Susai and 129139325	Miqaulor end access shined transf. P	udlap	APREA 27	
town prodicity www.orceewist connect reason _	for and	Negawari end access Salaw Prandin, P O manino Panglasso accesse	40	ANDER TO	
TOWN PRINTING NAME OF OPENST- CONTRACT PERSON	Susai and 129139325	Negrouns end comes since thendis, p o man no to the source our nomes commanded attractions of the source commanded attractions source	AD Quan	APPENDE WEINER BO-70	2
томпи Ресульстр ниме са саемот сонтаст начески _ т сомачение миме Себиту _ 1942	Burshi Mind 139138325 COMPANY Mr. Roddy	Nigowine end access sinul readily p o more sinul readily p oursesse Grappipels wettering Vertilier	200 Warl	APPENTER WILLINGER BO-70 T-9-5	0
сонастновоен _ сомовнико наме Сейту Дебстов	Dornan Mind Dashi Mind Dashi Mind Dashi Minda Dashi Minda Dashi Minda Dashi Minda	Negroups red access 21/05/2012 0 nooise 32/02/2022 0 nooise 32/02/2022 000500000 0005000000	All and the second	4990 20 WENDE 60-70 70-9 90-9	0
тонни Рановар соннат након соннат након соннатально плае Соннатально плае Соннатально плае Соннатально плае Соннатально плае	Dornan Mind Dashi Mind Dashi Mind Dashi Minda Dashi Minda Dashi Minda Dashi Minda	Negrouns red access Josephane O movies 327138255 O movies 727138255 O accesses Gerpennell northering Virthers Gelecities moderney Mechanics, poblat pl-201135	「「「「「」」	4982 10 941/168 50-70 78-5 90-7 60-6	0
TOWN PLAJUAT NAME OF CHEMIST CONTACT PERSON	Dir Dirsui And Dirsui And Direddy USU SPC-(10)	Arigowow rod access Januar Frankly, P O nooses Januar Frankly, P O nooses Januar Januar O noosessat Output attrationary Vyther Geles Lake, mattering Mathematic, Representationary of the PP - sporter Mathematic, Representation Participal general mathematical action of the potencial of the pathon cruits	「「「「「」」	4982 10 941/168 50-70 78-5 90-7 60-6	0

		CALINET COMMY ADVANT				
NEME OF BE-	Sevel Hal	онимат закот никот 7. Пущациа –				
TOWN POLY		part Ulerland				
NAME OF CHEM	ust pandhing	in Swap Ausladhiseus 200000 puellarrur				
	W- 91-12.					
50	ND COMPANY VE	ORUS NAME	ARA	APPENDENCE SALE MED		WEED
VAL DEDCI	S Edox N	Almoniation lowles space a	1151032			
en 1/10 19-2			-	1000		
g Homes				Rein	(Begay P	-
a stamel so	משק וייכצים	Staniptio phosphiel? + Mithodoxintation technicks		85-50		
Reime	00.0030					
NEMEOFBE 6 TOWN- Pringle		DATE- 11/01/2020	f	PARAS	MEDICO	
	avpur 1. MARAJ 17	Mugailian ante tillocheen NEDICA NOMES Buishard, paudh		PARAS Shop No Here But St	MEDICIC XI Sa Piaza no Paoharo	
TOWN- PLANE NAME OF CHEMIS CONTACT PERSON	avpur 1. MARAJ 17	Mugailian ante tillocheen NEDICA NOMES Buishard, paudh	a cfur 1861	PARAS Shop No. Hew But St	MEDICC 8 Sa Paca no Paohao Rokoty E MEK	570016T (01670)
TOWN- PLACE NAME OF CHEMIS CONTACT PERSON COMP.BRAND NAME	avpur 1. PARAS 17 _982108162	Iquyoular anti-tilothery IEDICA NOORSE BUIShard, paudu 2. PHONENO-9956 31602 ORUGNAME	a cfur 1861	PARAS Shop No Yee But St	MEDICC 8 Sa Paca no Paohao Rokoty E MEK	1 101010 101010 101010
TOWN- Parall NAME OF CHEMS CONTACT PERSON COMPERAND NAME MURITIRE LIST	aspor 1. PARAJ N _982168162 CONHANY OSUPUT	lquyadar anti tilosheed IEDIse noosse buished, paulh a- monena-1956-31602	AND AND Polyle Polyle	PARAS Shop No Her Bat St Her Bat	MEDICC & Se Paotao ed Paotao ed Paotao ed Paotao en Paot	500067 004590 en ale 619154 P. D. H.
TOWN PARAL NAME OF CHEMIS CONTACT PERSON COMPBRAND NAME NUMME NUMME NUMME NUMME NUMME NUMME	00707 - PARAS 17 - 982168162 COMPANY 090 PUT F30 PUT 50 PUT	Nygailar DED TCa Date 11/6/2024 2. MODE 10. 995/63/62 DED TCa DED TO TO TO TO TO MODE 10. 995/63/62 DED TO TO TO TO TO MODE TO TO TO MODE TO TO TO A TOTAL MARK FLANSING FOR TO DE TOTAL MARK FLANSING FOR TO	AREA AREA Polyle Polyle (pardo)	PARAS Stop No Hen But St Hen Put St Stop No Stop No St	MEDICC Xi Sa Paca no Paohao Rokotr E MEK 9115	500000 00400 0146 5151544 0140 5151544 9140 1 11407
TOWN PROP/1 NAME OF CHEMIS CONTRACT PERSON COMPREAD NAME SILVERTE ON TO THE GIVENTY TE	00707 - PARAS 17 - 982168162 COMPANY 090 PUT F30 PUT 50 PUT	Nygailar DED TCa Date 11/6/2024 2. MODE 10. 995/63/62 DED TCa DED TO TO TO TO TO MODE 10. 995/63/62 DED TO TO TO TO TO MODE TO TO TO MODE TO TO TO A TOTAL MARK FLANSING FOR TO DE TOTAL MARK FLANSING FOR TO	AREA AREA Polyle Polyle (pardo)	PARAS Shop No Hew But St Hew But	MEDICC & Se Paotao ed Paotao ed Paotao ed Paotao en Paot	SOCIAT ANARA
TOWN- PERAL NAME OF CHEMS CONTACT PERSON COMPREAND NAME CALMAR OF 250 GIVING CHI MA GIVING CHI MA CHI MA CH	00000 - DARAJ 0 -982108162 COMPANY USU PUT TJO PUT DR Redry Promy	Augailian anto Illocheau AEDIca ADDRES Buishard, paulla a. MODENO 1996-1996-1996 Medition Hudroschinare tablei ED Essining Medition tableus IP scuring	AREA AREA Polyle Polyle (Ardon (Ardon	PARAS Stop No. Here But Sto Here But Sto Stop No. Epurt Sto Epurt Stop Stop No. Conflut C	MEDICC & Sa Past re Paolao record sources or Tic or Tic or Tic or Tic	50061 00/010 mill 619[ste



# Sohel mujawar, Int. J. of Pharm. Sci., 2024, Vol 2, Issue 7, 100-119 |Research

NEME OF I	IF SHU IU	CHEMIST RUMARY RUMAN				
NAME OF C	and have floor	MY METATAL OUT THETANG METATA				
	SRAND COMPANY NAME	PHONE HO IT JEE 1/2/13	1 1073		0.069.00	F 1
Out the		along the second second	050	SALE N	any stoorst	
Suyciph	Any Ardan	of Relative Programme & rectionary net standing profession encoder 2 provide and	A Pix			
autiny .	2 0 44	Gloop nor tholets 40 A M	PAR	30-		
ALACIONA	SE FED-OUT	tabilita durins ap saint	PROP			
GUICENET	MA LISVINT	Mailin Hamanie dollar as asons	PACE		15 1000	
(11)-21/-2		Laure all score and the first	Pilla.			
NAME OF CHEM	shesplir 57. RUCHTR	CREMET SURVEY HUNGET A MEDDECH - ADDRESS - Doublidantion A MEDDECH - ADDRESS - Doublidantion ASSA - MEDDECH - ADDRESS - Dividing		Timps	रा मेहीर जिन्नेय, राजा जा. क्षेया आज	1 may
NAME OF CHEM CONTRACT PERSO COMPERAND	an exhibit	A MEDERAL ADDRESS Privation	AREA	योगाः, श	भा के, का आ. बंधा आ 1999735	1,400 10 10 10 10 10 10 10 10 10 10 10 10 1
NAME OF CHEM CONTACT PERSO COMPBRAND NAME	COMPANY	4. MEODECAL . ADDRESS pourdication 3559- MEDRENO <u>3119 73 (252)</u> ORUG NAME		प्रेस योग, 8	CONTROL TONICS	1 may
NAME OF CHEM CONTRACT PERSO COMPREMAND NAME DELITION	ET. FLUCHTR ET. FLUCHTR E 833373 COMPANY RT. Petebly	A MEDBERK . ADDRESS pourdicampor <u>ASS</u> <u>P</u> MEDBERG <u>3919735255</u> ORUGNAME Glienzily metformin	AREA	प्रोग प्रोग सेला, 8	ин ID, лин яг. нап ял 1999735 Жокот	REFERENCE
TOWN FOUN NAME OF CHEM CONTRACT PERSO COMPERAND NAME TELTIFICA SHAWET SHIP	The spire of the second	A MEDBEAL . ADDRESS particularity 359- MEDBEAL . ADDRESS particularity 359- MEDBEAL . 3714 737255 BRUSEANE Gliebe 2144 , metfermin Sitagliphin physiologie 4 Mithydocchlodide , reallers	AREA Paudhar paudhar	भाषा, श्र मोग, श्र मधार ( क्रिफ	MI AU, MI MI, ANI AM 1999736 MICKOV ALE/WEEK	REFERENCE
NAME OF CHEM CONTRECT PERSO COMPERAND NAME Tel ( ITEL LANNET SUBJ LANNET SUBJ LANNET SUBJ	elicerphy 57: RUCHTP 8: A39973 COMPANY 07: Paseby 9: Son Phonese 6: USV-PVT	A MEDECAL . ADDRESS paroficarpor 357 - HODEON . 30719735252 ONUS NAVE Glieba 2124 , metformin Sitagliptin phosphate & M. Hydocchlodde . Tablets metformin . Hydocchlodde . Tablets metformin . Hydocchlodde . Tablets metformin . Hydocchlodde . Tablets metformin . Hydocchlodde	AREA Paulion Paulion Paulion	भाषा, स भाषा, स प्रधान प्रधान देखीर राष्ट्रान	на по, нан 37. вил эт 1999738 1999738 2000 201738 201738 201738 201738 201738 201738 201738 201738 201738	STOCKET STOCKET STOCKET STOCKET STOCKET STOCKET PDH Socioy 1
NAME OF CHEM NAME OF CHEM CONTRACT PERSO CONTREAM NAME Techimel Lyfanterselge Lyfanterselge Lyfanterselge	alleypar 57. Rochre 8. <u>8339728</u> COMPANY Dr. Padely 9. Schiptonno 0. USV.PVT Dr.Reddy	A MEDICAL ADDRESS purdhamper AST MEDICAL ADDRESS purdhamper AST MEDICAL ADDRESS purdhamper AND AND AND AND ADDRESS Alian 2147, metformin Bitagliphin phosphate 4 M. Hydrechlodde Tablets metformin Hydrechlodde Tablets puro Mer Glimepiride Tablets Ip 2109	AREA Paulion Paulion Paulion	भाषा, स भाषा, स प्रधान प्रधान देखीर राष्ट्रान	на, настана 3999738 19999738 1999738 1999738 19999738 1999738 1999738 1999738 1999738 1999739 1999738 199979 199970 199070 199070 199070 199070 199070 199000 199000 199000 1990000000000	STOCKET STOCKET STOCKET STOCKET STOCKET STOCKET STOCKET PDH Societ
NAME OF CHEM CONTRECT PERSO COMPERAND NAME Tel ( ITEL LANNET SUBJ LANNET SUBJ LANNET SUBJ	alleypar 57. Rochre 8. <u>8339728</u> COMPANY Dr. Padely 9. Schiptonno 0. USV.PVT Dr.Reddy	A MEDECAL . ADDRESS paroficarpor 357 - HODEON . 30719735252 ONUS NAVE Glieba 2124 , metformin Sitagliptin phosphate & M. Hydocchlodde . Tablets metformin . Hydocchlodde . Tablets metformin . Hydocchlodde . Tablets metformin . Hydocchlodde . Tablets metformin . Hydocchlodde	reer partie partie partie	भाषाः स भोषाः स मधाः दि भाषाः दि भाषाः दि	на по, нан 37. вил эт 1999738 1999738 2000 201738 201738 201738 201738 201738 201738 201738 201738 201738	Line References UNRED STOCKST UNRED Studielly PDH Studielly Pyr Sulf
NAME OF CHEM NAME OF CHEM CONTRACT PERSO CONTREAM NAME Techimel Lyfanterselge Lyfanterselge Lyfanterselge	alleypar 57. Rochre 8. <u>8339728</u> COMPANY Dr. Padely 9. Schiptonno 0. USV.PVT Dr.Reddy	A MEDICAL ADDRESS purdhamper AST MEDICAL ADDRESS purdhamper AST MEDICAL ADDRESS purdhamper AND AND AND AND ADDRESS Alian 2147, metformin Bitagliphin phosphate 4 M. Hydrechlodde Tablets metformin Hydrechlodde Tablets puro Mer Glimepiride Tablets Ip 2109	reer partie partie partie	भाषाः स भोषाः स मधाः दि भाषाः दि भाषाः दि	ни по, по и по 1999735 1999735 19905000 19905000 19905000 199050000000000000000000000000000000000	Line Britans Stocks CNBBD Cushing PDH Sociotis Pressul
NAME OF CHEM NAME OF CHEM CONTRACT PERSO CONTREAM NAME Techimel Lyfanterselge Lyfanterselge Lyfanterselge	alleypar 57. Rochre 8. <u>8339728</u> COMPANY Dr. Padely 9. Schiptonno 0. USV.PVT Dr.Reddy	A MEDICAL ADDRESS purdhamper AST MEDICAL ADDRESS purdhamper AST MEDICAL ADDRESS purdhamper AND AND AND AND ADDRESS Alian 2147, metformin Bitagliphin phosphate 4 M. Hydrechlodde Tablets metformin Hydrechlodde Tablets puro Mer Glimepiride Tablets Ip 2109	reer partie partie partie	भाषाः स भोषाः स मधाः दि भाषाः दि भाषाः दि	ни по, по и по 1999735 1999735 19905000 19905000 19905000 199050000000000000000000000000000000000	Line References UNRED STOCKST UNRED Studielly PDH Studielly Pyr Sulf

NEWE OF B	E 58-11 011	Outwill Wave Arrow OWMAT SWALT REPORT				
NAME OF C	ener sans	MY HERECAL MINING FOR JULY A				
Property lies of the local division of the l	NON STAN	HIGHEND. (7) 305 1/2375				
	VAME	ORUG MANE	Alla		TENOTE   110	
BIX 711		@184000 Programmer in rectioning their seconds		50-1		
MLYCEPOP	12 日本時代は	Preserving family - 5-F-0E0 mid.	PRIE			
ciliniq +1		admpires tablets ap 1 pg.	P.PUR	20		
arkettika	-	painter durins ap point	POR		97 800	
eyromer.	aa iswit	Malifim Haberdonian dailan gengang	P-ROR.		st rules	
CONTACT PERSON	n parter - 8333973	4. МЕСЕТСА - NORRESS PLUIDLAPPO / 1997 - МОНЕНО 3914 737878		downed in	रा मेडीह जीव के, जाव कि. केवा जाव 8999735	a there
COMPBRAND NAME	COMPANY	DRUG NAME	AMEA	1	APPROX.QTV	
edimet	Dr. Readly	Glienzidy , metfermin	Nale		SALE/WEEK	COVERED Sughilph
	Suniphormo	Sitagliptin physikale & M. Hydrechloute . Tallets			80.90	PDH
YCOMET-40	USVIPUT	metformin Hydrochloride rabios apage MKr	panete		85.90	Sunday an
iny-2	Dr. Reddy	Olimepizide rables Ip ang	and the second		80.90	presultil
-DADER D.W	Elder	viblogliptin rablet 1p soomg	pundle	OTAL	60-70	
1						



# Sohel mujawar, Int. J. of Pharm. Sci., 2024, Vol 2, Issue 7, 100-119 |Research

tett 81/ochesti				
we am				
1. I.S. I.				
Strick Probage of Paleare & Giragonia Tille	Viden		Syde	theme.
A A Contract of the Prop.		10: 30	file	ent bitter
nite Palment Fahate Enlargederald W	ndgaer	90-30	(Main	
West Instead Failur Tablers, I Com	had gene.			W Medica
response in the second and the second	Vodition.	20.2	Ins	
		- 11	ground	
CHEMIST SURVEY HEROID		1	100	territoria (int
nin. et lab mere				
PORTO GLARIO CLARK 163	. And day	E.		
SRUG NAME	00	Category and		
	1948.			
ile Schund Adease & Charpoide Tablets		20-0	m	citil phome
ile Bolynd Bernet Companie Tablet 70	Vidge	80-9		a patricke
mlr. (sk) soony blimepide ing.	Hartgan	10-1		Juy Midner
ile Tablets It 250 Min		800		Lond Wh
				(1) phone
ON AARMA PARK INCOME	Targare	1	1	
		N		AL MEDICA
		110		Chowk Pitt light
			M	ob 982328009
			時に知り、	
0000 NO. 50 9 \$10 35-15				
	1758			(DARREN)
and thank have tog th				
legade preserved fatter		50-00		
leporte provinci fabres	ustar-	50-60		
dianae topicer pipacenty Gio	Union Mari	50-60 50-65 53-7		
dianae topicer pipacenty Gio	1940) 1940) 1940)	50-60 50-65 53-7 75-8		
leporte provinci fabres	Union Mari	50-60 50-65 53-7		
Anare prevent taking Anare noties processo Fin Anarong Vogbost	1940) 1940) 1940)	50-60 50-65 53-7 75-8		
Anarolog vogslose Anarolog vogslose Deekket bener tekket Deekket bener tekket	1940) 1940) 1940)	50-60 50-65 53-7 75-8		
Anore private finance Altrate codes finance francing vogsame Oreastaner report	1940) 1940) 1940)	50-60 50-65 53-7 75-8		
Anarolog vogslose Anarolog vogslose Deekket bener tekket Deekket bener tekket	1940) 1940) 1940)	50-60 50-65 53-7 75-8		
Anore private private Altowe codes pracong co Altowe product pracong co Anore pracong Overstonnerenne Overstonnerenne code franktig codes configure	11/1021 31/1020 30/1020	50-00 60-04 53-7 75-9 60-0	5 5	
Anaros provinand tasi 10 Anaros tobies & processo for Anarosog volgtore Deemstonneriennet Deemstonneriennet	11600 11600 11600 11600 11600	50-00 50-00 53-7 76-8 60-0 60-0	5 F	
Anner Internet 14410 Anner Inder Praceny Francing Voltosp Demostraner ennet Demostraner ennet Address fondunger Hone the good 2 n 2 g Demostra	11600 11600 11600 11600 11600	50-00 52-2 75-8 60-8 0-8	S S S S S S S S S S S S S S S S S S S	\$700057
анине нолин (4410) Алине нолин Рраскину Со Алине нолин Рраскину Со Алине нолин воли овена олин воли нолек соловатрин Роскиме До С. Г. С.	3 (140) 3 (140	50-00 50-05 52-7 75-8 50-8 50-8	Darhon S S	5700057 (DVBE)
антине нолине реаления Аттине нолине реаления Сел Платина чарно реаления ото на правити ото на правити	ITAN ITAN ITAN ITAN ITAN ITAN ITAN ITAN	50 60 60 52 - 7 - 8 50 - 70 - 8 50 - 8 50 50 - 8 50 50 - 8 50 50 50 - 8	Dechar S S S S S S S S S S S S S S S S S S S	5700057 (DV(985) 안위H
анине новек рраски Алине новек рраски Алине новек рраски Се Селона Село	ITAN ITAN ITAN ITAN ITAN ITAN ITAN ITAN	50 60 60 52 - 71 - 8 50 - 70 - 70 - 70 - 70 - 70 - 70 - 70 - 7	Delha SS SS SS SS SS SS SS SS SS SS SS SS SS	STOORST COVERED POH PICK KUNE
анине новек рраски Алине новек рраски Алине новек рраски Се Селона Село	Uttor Havi Saos Jojan Jojan Jojan Jojan Jojan Jojan	50 55 50 50	Darhu Marin - 70 - 80 - 90	STOODST COVERED POH POH YOP POH YOP
Annee notice practice Annee notice practice for Annee notice practice for Annee notice practice for Annees conduction Annees conduction An	UTION UTIONI	50 50 50 50 50 50 50 50 50 50 50 50 50 5	Delha SS SS SS SS SS SS SS SS SS SS SS SS SS	STOODST COVERED POH POH YOP POH YOP
Annee notice practice Annee notice practice for Annee notice practice for Annee notice practice for Annees conduction Annees conduction An	UTION UTIONI	50 55 50 50	024hs	STOODS COVIDED PDH PDH PDA SUSF A ON SUSF U ANSON
анине новек рраски Алине новек рраски Алине новек рраски Се Селона Село	UTION UTIONI	50 55 50 50	Darhu Marin - 70 - 80 - 90	STOODS COVIDED PDH PDH PDA SUSF A ON SUSF U ANSON
Annee notice practice Annee notice practice for Annee notice practice for Annee notice practice for Annees conduction Annees conduction An	UTION UTIONI	50 55 50 50	024hs	STOODS COVIDED PDH PDH PDA SUSF A ON SUSF U ANSON
Annee notice practice Annee notice practice for Annee notice practice for Annee notice practice for Annees conduction Annees conduction An	UTION UTIONI	50 55 50 50	024hs	STOODS COVIDED PDH PDH PDA SUSF A ON SUSF U ANSON
Annee notice practice Annee notice practice for Annee notice practice for Annee notice practice for Annees conduction Annees conduction An	UTION UTIONI	50 55 50 50	024hs	STOODS COVIDED PDH PDH PDA SUSF A ON SUSF U ANSON
Annee notice practice Annee notice practice for Annee notice practice for Annee notice practice for Annees conduction Annees conduction An	UTION UTIONI	50 55 50 50	024hs	STOODS COVIDED PDH PDH PDA SUSF A ON SUSF U ANSON
Annee notice practice Annee notice practice for Annee notice practice for Annee notice practice for Annees conduction Annees conduction An	UTION UTIONI	50 55 50 50	024hs	STOODS COVIDED PDH PDH PDA SUSF A ON SUSF U ANSON
	ALLES	And different And a set of forthered And a set of the	Anna 10 Tordowi Anna 10 Tordowi Anna 10 Tordowi Anna 10 Tordowi Anna 10 Sama Anna 1	And Strictors And St

MEMETERE, PALA



114 | Page



CONTACT PERSON- 94219	s Date 1510 nstrype trysolic al ADDRESS pa 55355 PHONE NO. 943	15/24 Sup endhans(M <sup>res</sup> Jace	rplied By g astri Wedical & ( 5. Pandharpur 1 1. / 201	2005
COMP.BRAND COMPAN NAME	unity man.	ARE	A APPROXIQTY SALE /WEEK	STOCKIST COVERED
Jampszur MJAb	roman na en i Bumi Anto i Equipa	hardron		Ayuniedit
Giuromy P ofth	gamar i neem i filikumi fimila i karala		10-71	Ayumadili
DIBOLA SON DAY			and in the second second	14
A Sond Lead , Amusican postal o		mun fordia	5-15	
N.D. tallels sanjeuor	n pero Tamor Bhumipmia	pueba		1
NEMEOFBE SCHOLS	chimujawar	VEY REPORT	-0.20	- १ जाल सीमते
NEMEOFBE: SCHOLS TOWN- DOLICINO TOTU NAME OF CHEMIST-SKOWS CONTACT PERSON- 98 81145	atimujawan T DATE 151 Himoolincu ADDRESS (	03/24 Lepakaspur	「「「「「「」」	
TOWN- PREVICING AT PU NAME OF CHEMIST-SK 2045 CONTACT PERSON- 97 81145 COMPBRAND NAME	atimusquat t date 151 timoolicou address p 3794 phone no. 9 Drug name	03124	AREA APPRO	IS TRUCT IN THE STOCKIST COVER
TOWN- PRINCIPOLOGINO TOPU NAME OF CHEMIST-SKIPUS CONTACT PERSON- 98 81145 COMPBRAND COMPANY NAME COMPBRAND COMPANY NAME	ehimujawan T DATE ISI Himooli Coul ADDRESS p SJGI PHONENO. 9 DRUGNAME JOIMUNI NEEMINI AMUTAI KITU 4.	03/24 epahastur 88/143794	AREA APPRO	IIS GEOLOGIA COMES HALL IN OTY STOCKIST COVER WEEK
TOWN- PALACIACIAN NAME OF CHEMIST-SKAPUS CONTACT PERSON- 9891145 COMPBRAND COMPANY NAME COMPBRAND COMPANY NAME COMPBRAND COMPANY NAME	ehimujawar T Date Isi Himoolincu ADDRESS p HONENO. 9 DRUGNAME Jamun: npem, phum imuai kircia. Jamun: npem, phum imuai kircia.	03/24 10pdhashur 88/143794 14 more pa	AREA APPRO SALE / Ind here Go	III GEORGIA UMANY HATTY STOCKIST COVERI NEEK 20 A YULWWERK
TOWN- PALACIACITATI NAME OF CHEMIST-SKAPUS CONTACT PERSON- 881145 COMPARAND COMPANY NAME COMPARAND COMPANY NAME COMPANY COMPANY NAME COMPANY NAME COMPANY NAME COMPANY NAME COMPANY NAME COMPANY NAME COMPANY NAME COMPANY NAME COMPANY NAME COMPANY NAME COMPANY NAME COMPANY NAME NAME NAME NAME NAME NAME NAME NAME	ehimujawar T DATE ISI Himoolincu ADDRESS p ADDRESS p BAJGI PHONENO. 9 DRUGNAME DRUGNAME Jamun: neem : Ajhum Amura Kisua. Jamun: neem : Aunis Amura Kasela Neem : Auni: Amira : Jamun, Kasela Neem : Auni: Amira : Jamun, Kasela	03/24 10pdhashur 88/143794 14 more pa	AREA APPRO SALE/ Inditation Gor Totation So	HE GEORGIA COMPACT WEEK 10 A YUMWEER 10 A YUMWEER 10 A YUMWEER
TOWN- PALACIACIAN NAME OF CHEMIST-SKAPUS CONTACT PERSON- 9891145 COMPBRAND COMPANY NAME COMPBRAND COMPANY NAME COMPBRAND COMPANY NAME	ehimujawar T DATE ISI Himoolincu ADDRESS p ADDRESS p BAJGI PHONENO. 9 DRUGNAME DRUGNAME Jamun: neem : Ajhum Amura Kisua. Jamun: neem : Aunis Amura Kasela Neem : Auni: Amira : Jamun, Kasela Neem : Auni: Amira : Jamun, Kasela	03/24 1010/03/14 138/143794 14 mont pa 14 mont pa 14 mont pa	AREA APPRC Ind here for photophyse So Adheren 90	III GEORGIA COMPENSION OF THE GEORGIA COVERS WEEK 10 A YOUWWEEK 10 A YOUWWEEK

NAME V VLD POPILE EMAND Merformin Eller T. UOB IT UNC LOPID Paciformin Pablet IP storing Participation 80-90	NEME OF BE GON-OL IN TOWN: P and hage V NAME OF CHEMIST, MAY HOUT CONTACT PERSON-	5	DATE 16 10 3 1 2.4 DATE 16 10 3 1 2.4 ADDRESS 17 CARD HO 3 1 7.4 PHONE NO.			- and
VULDPOPIS Emails methomin eller possong pandiment burgo :			DRUG NAME	AREA		STOCKE
The second	VYLDPOPIS Email	Melfermin	. R. Hel	ters wenter	a for a second	See
aLP77 40700 Canto matternia Hall OET & alimitadi Tablit partospur and	tiveBJINEL LOPIP	Mach Formin	tablet Dp storing	and an and a second second	80-90	Fai
	966210-40700 Panio	merformin	Hel (PE) & glimippede tablet	1 1 1 Kater Parts	70-48	WTC
2minet 7AB Nouny methormin Her (PR) & Glimipulu Takut RP Mandmonth & 0190	Lariant 1919 Normy	methormin	Her (PR) & Glimipula Table & P.		8.0100	Pts
grow of soo USV. Glimiphile, pilitrozene, Repetitione Hill rebuilt participant 100.	ANION OF SOO USV.	Glimiphile	pilitrozene, & Metformia Hill Feldel	Parelientin	100 .	Ra



# Sohel mujawar, Int. J. of Pharm. Sci., 2024, Vol 2, Issue 7, 100-119 |Research

NEME OF A E CONTINUE TOWN PANDHAR DUR NAME OF CHEMIST P CONTACT PERSON 3716	OST-HOP-P-	PHEDE VLAM			eg fo n fon ess (Maitan eno.	
PRODUCT SELECTED FOR BCP COMP.BRAND NAME	COMPANY	DRUG NAME	АЛЕА	GUL/SPL	APPROX QTY SALE /WEEK	STOCHIST COVENIED
1111 0 0 0 100 100 VM	Emore		- and other and		5-	DRUIS THE DOP.
VYLDAOD IONTA	Lupin		PANCOHARPOR		1.74	PROMINE DISCO
T-VOBIL VX-2-	panale		DENTEMPEDAN		1.42	6155 North Cold
GLEZED 45 TAR	10 to Andert		DerayErster A base	A CONTRACTOR	1.0	prostovite some freme
PECKEMET TAS	4	1	LANDINELIO	4	1988	OWNERS BEAT
GLYCOMET TOUSD THE					errite Arbie	n e universit

NEME OF BE REAR	anner	DATE 10705754			
NAME OF CREMIST- 2 CONTACT PERSON		Any work of the Angle An	ndesi yahi	( facil "(a	and a share
COMING'R YONG		Carlos Hanne	ANA	APPROX CETS GAGE Particle	
TAMBATL	UNTHA	Somon, menn, phani Anto, Kasela	Malgune.		generican 1
GLUCOMAP	MA PARESHE	Jamen, Narm, Ahumi Ande, Kavele & role.	Vallan		
DIBOLA	Somprigation	Neem, Bhumi Amle, Jamin, Kimle .	Widgass		
sared Vali	ATTINIA A	Konela, Rhumi Anda, Necen, Jamin.	Voilfaso		
	phonen	Neam, Jamin, Bhumi Anda, Karala,	(Valagon)		- And

Lass and the second		CHEM	ST SURVEY REPOR	Y).		
NEME OF BE- MUJAN	IMP SOME	E PLAY	1			
TOWN PANDHAR PUP	6 . K			DAT	13/04/2	
NAME OF CHEMIST-	NISHIKAR.	PIED	PRAYS	ADD	RESS PRIMEN	IAR POR
CONTACT PERSON- 971	53.86 2AP2	8		PHON		
PRODUCT SELECTED FOR RCI	BA:-		1		the factor to be	
COMP.BRAND NAME	COMPANY	DRUG NAME	AREA	QUL/SPL	APPROX QTY SALE /WEEK	STOCKIST COVERED
VYLDAOD 100TH	Emore		PANDHAR		5	PRATHER DOR
VOBIT VX-2	Lupin		PANDHARPIN.		3	PRAIDHAR PUR
GLEZED - 410 TAB	panuxis		panisharpar		5-	PANAMAR PUR
PECLEMET TAB	Driver		Paniphus bos		10	BANGHAR PUR DAL
GLY COMET SOUSE THE	USV	-	PRHOMEPOK		16	PROLEMER BUB

पुण्डर मेडिकल & जमारहोआई करिसा



NEME OF # F. d	S. BALLA	an mujaw	CHEMIST SURVEY REPORT					
TOWN DOLD	dkarfit	an mujan	0.7					
NAME OF CHEM	KT. Current	man conset	Fushel sein Menss wallanter		1725) 211			
CONTACT PERSO	N 881	Sogols In	ALCOURS PERILANTS+		-	UNIACAD)	and the second	
	O COMPANY		PHONE NO. 94 TE 401530					
NAM	E.		DRUG NAME		ANEA.	SPERICK OTHER		0.88
Come a	SURPO	n melfermin	Hel (14) & Glimipithe tables					
MONTER P	2500 phan	net firmin .	nel (PR) & Gelegalde teller og					
TEEINER DY	fumpione	anettoymik	NO (PR) + Glimipide Table 1	化的				
CHA(AMPARA	y VSV B	PALL (Ar way)	Hel (suchin the) rables (stimler)	de 11	10			( There are
Glynlast-me	USV-AT	mathematic ;	incl (PR) & Glinniphide Millier ry	1	odian	N ST		
			CHEMIST SURVEY REPORT		-			
		ah mujau	ian'					
TOWN pard			DATE 11/04/2004					
NAME OF CHEMIST-		dimedica	d Hold MODESS HILL			l	10-	
CONTACT PERSON-	7890	11/2953	PHONE NO- \$ 390 569	649		9		
COMP.88.4ND NAME	COMPANY		DRUG NAME		20		HOLOTY E/WEX	
CAL BOIL	TA LIMA	o Vellipor	le tablet 20 0-2,mg					
	Bicchiem		Tablet IP Glipsipmile # proff	min				P.D.
all-m	Nothern	Alicipi	De Emethornin hel yahur			en		CAD Y
1	- Sunphard	- Conton	in (PR.) followippide toblet	31.	12/4		7	100
	Sin phone		's (PR) & Glinippide Makur Pf			e	4	157
			and i					
							_	
1			LHEMOS SURVES BEFORE					
NEMEDIAE SOM	el glahi	(mujaware						
TOWN PERCIP	asput		11510419-14					
TOWN DENCIP	shinkini	MENTERL	DATE 15/00/0-11 ADDRESS (P.B. H. P. C. STRAT					
TOWN PRACING MANY OF CHEMIST	antona antona eescissi	MENTERL	Date 15/06/0 <sup>-14</sup> Address ("de-d"/-073956" Originetia		E CHE			1919
TOWN PERCIP	KI TOPUT SANARHA GES CI BAI COMPANY	MENIAL Bo	Date ave Hore ave Date 12 loc(10-11 Date 12 loc(10-11 Date 12 loc(10-11	ARE	1 2 2 I	PROKOTY	5100651(0)	
TOWN DEACH NAME OF CHEMIST CONTRACT PERSON & COMPLEMANT NAME ETIK (CONTR), NO	KI YODAT SHARFAR GES CI BA COMPANY LUMIN HI HI	Menniae Ro Nanophiliae, Aug	DATE: 35/06/10-34 ADDRESS: (TOPORTO STATE BHOME HO) DRUG HAME STOTATO: (THU: FOUNDER) HUMBER/HOME/PA/TAUGH	ARE ARE	10 20 20 E	PROKOTY LE AVEEK	stocest ed (F10-H	
TOWN PRACTY NAME OF CHEMIST CONTACT PERSON- SV COMPLEXAND NAME CELECOTTS: (4)	KINDUN SHAARAA GESSIBN COMPANY COMPANY COMPANY COMPANY COMPANY COMPANY	person 80 transpirito, fiest nationalis, fiest	Date 15/06/10-44 ADDRESS (TORNING STRAT BRUGEIND DRUGEINNE Straten (Thurrowich Humandheider) Philiteach Straten (Thurrowich Humandheider) Philiteach etc. 240. Geograf.	Ass Ass Backton Backan	12 2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PROKOTY LEAWEEK MALANA 34-40	stocket (p) (F-D-H (V)-B1-P	
TOWN PRACTY NAME OF CHEMIST CONTACT PERSON- SV COMPLEXAND NAME CELECOTTS: (4)	a sport Sportson Company LUMIN & B FANCO ST M RANCO ST M	MEDICAL Ba Kinephilis, Fush netformin, Habi	Dar 15/06/10-44 ADDRESS (TOCHTON STREE MICHEND) DRUG NAME Itoution: (Mick Franke, Mickendenbert Philiteche Michenbert Scholandenbert Philiteche Michenbert Scholandenbert Philiteche Michenbert Scholandenbert Fabert Frank	artic ARS T Boilto Tasker	1 22 24 24 24 24 24 24 24 24 24 24 24 24	PROKOTY IE AVEEX PLA-LA 3 C - LA U S - TA	stocest of P. D. H Militari Arizan	
TOWN PARCH NAME OF CHENST CONTACT PESSON & COMPERSION HAVE El Victorito (V) U ANY (D) hage (P) GIVIC (D) hag	a gipwi Geogensi Geogensi Commun Commun Geogensi Geor Geogensi Geogensi Geogensi Geor Geogensi Geogens	MERICAL Ba Timapinias Fusi nadionalis Hubb adatemis Hubb	Date 15/06/10-44 ADDRESS (TORNING STRAT BRUGEIND DRUGEINNE Straten (Thurrowich Humandheider) Philiteach Straten (Thurrowich Humandheider) Philiteach etc. 240. Geograf.	arita ARS Davido Davido Davido Davido	1 22 SA	PROKOTY LEAWEEK MALANA 34-40	stocket (p) (F-D-H (V)-B1-P	ka a

TOWN- CHEMS	E SAMARY	H MERICAL ADDRESS (IRAN POSTAL		AL-		
CONTACT PERSON	COMPANY	DRUG MARE	AREA	APPROX ( SALE /W		tivesta
		eti ne pinise. Aughtmateri Etter ranki Husendelder Particuler	Stations			t)
Electronic pe	CURINE ST	Meditram tablels I.P. Brond.				
any opprage	- PARCARE	teutionalis Hydrochite Gugedolika globan Takkti zonina	Seator	15	THE AND	
CY CHART		riensformily Hilderthick probable released all propries faith the	Altan		es Aci	kin
Chuotem al	LUNDAUM	ngatimetri Hukadoria pelinget nolasik'i alhophiketavilti p	Pasther	25-		
	A CONTRACT	THE PARENT OF THE PARENT				
NEME OF BE- SO'N TOWN- PERF d'N	el slat movies	orenersenrission i muguour energicular yon Maylical neeres partharytur.			Jui	ph:M
NEME OF BE SO'H TOWN- D'EA'D H NAME OF CHEMIST- ONTACT PERSON-	el slat movies	orenersenrission i muguour energicular yon Maylical neeres partharytur.	ARE		APPEDICIOTY	5700657
NEME OF BE- SO'H TOWN- (PILP H) IAME OF CHEMIST- ONTACT PERSON- COMP.BRAND NAME	el flot Novjet Novjet Comann	OPENST SUMPTION 1 multipliers 2 mu	ARE		APPROK QTY SALE /WEEK	
NEME OF BE SO'N OWN- (PLC) d'N IAME OF CHEMIST- ONTACT PERSON- COMP. PRAND NAME	el stat novjeg ghzez consum consum	OPENET SUMPLIESONT 1 multicers 1 multicers 10m Medical - ADDRESS Pardhord/UM- DORT97 MEDIE NO. DRUG NAME Glimiophila. & MER Formin. HKI(PPE) Tablet	ARE	11-11	APPROKODY SALE / WEEK	STOCKET COVERED PD 14
NEME OF BE- SO'H OWN- (PER-d h AME OF CHEMIST- ONTACT PERSON- COMP.BRAND NAME {CONP.BRAND NAME {CONP.FRAND NAME	el slat nstvs Novjet gyzet commun commun biscuen	DEMOSTRUMENTROM i mugulars par Medical and a consist usion of the second of the seco	ARE	flore	APPROKODY SALE / WEEK	STOCKET COVERED PD 14 COVERED
NEME OF BE- SO'H TOWN- (I'E'A'H NAME OF CHEMIST- ONTACT PERSON- COMP.BRAND NAME YELDOT MFG-1 1- T9	el stat novjeg glazet company	OPENESSUNDINSON i mugudars yan Meshical - ADDRESS parchardur - co FAA HONE NO DRUG NUME Bliniphilu & mer formin Hicliffe, Tallet Glic/Asiloe & Merformin, Hicliffe, Tallet Urigiliste - Ghingenide & Melhowin Hicliffe) Tallet Veigiliste - Ghingenide & Melhowin Hicliffe) Tallet	ARE	r r	APPROKOSY SALE/WEEK	STOCKET COVERED PD In Podman
NEME OF BE SO'H TOWN (PER'D'H NAME OF CHEMIST- ONTACT PERSON- COMP.BRAND NAME YECOTOT PERSON- TECTOT PERSON-	el slat nstvs Novjet gyzet commun commun biscuen	OPENESSUNDINSON i mugudars yan Meshical - ADDRESS parchardur - co FAA HONE NO DRUG NUME Bliniphilu & mer formin Hicliffe, Tallet Glic/Asiloe & Merformin, Hicliffe, Tallet Urigiliste - Ghingenide & Melhowin Hicliffe) Tallet Veigiliste - Ghingenide & Melhowin Hicliffe) Tallet	ARE More p. 91	r r r	APPROKODY SALE/WEEK	STOCKST COVENED PD % PD % Codemany Such-Tele Raig prop



#### **DISCUSSION OF SURVEY:**

In Western Maharashtra, as in many rural areas of India, diabetes presents a growing health challenge due to changing lifestyles, dietary habits, and genetic predispositions. The survey aimed to assess the usage, effectiveness, and challenges related to antidiabetic medications among villagers in this region. By analysing survey data from diverse populations, this study sheds light on the regional variations in antidiabetic medication use, factors influencing treatment choices, and the effectiveness of current management approaches. The findings highlight the challenges faced by individuals living with diabetes and the importance of tailored interventions to improve patient outcomes and quality of life. Through a comprehensive review of medical survey results, this research contributes to the understanding of antidiabetic medication trends on a global scale, guiding healthcare providers, policymakers, and researchers in developing targeted strategies to address the growing burden of diabetes and enhance the delivery of diabetes care worldwide.

The survey utilized a cross-sectional design with structured questionnaires administered to residents diagnosed with diabetes. Participants included villagers aged 18 and above who were currently on antidiabetic medication. Data was collected through face-to-face interviews conducted by trained healthcare personnel visiting households in selected villages. Discuss the types of antidiabetic medications used by villagers, including oral medications (e.g., metformin, sulfonylureas) and insulin. coal health department reports on diabetes prevalence and management in Maharashtra. Research articles on diabetes management in rural India published in peerreviewed journals like the Indian Journal of Endocrinology and Metabolism, Journal of Association of Physicians of India, or other relevant regional journals. **Reports** from international organizations like the World Health

Organization (WHO) or the International Diabetes Federation (IDF) that discuss diabetes management challenges in rural settings globally, which can provide context for discussing rural Maharashtra.

#### **CONCLUSION:**

The medical survey conducted on antidiabetic medication usage in villages of Western Maharashtra has provided valuable insights into the current landscape of diabetes management in rural settings. Key findings from the survey include the prevalence of diabetes among villagers, types of antidiabetic medications predominantly used, and the challenges faced in accessing and adhering to prescribed treatments. **Engagement with Medical Shops** Encourage collaboration with local medical shops to ensure availability and accessibility of antidiabetic medications in rural areas. **Consultation with Doctors** Advocate for regular visits by doctors or healthcare professionals to rural medical shops

#### REFERENCE

- Internal Clinical Guidelines Team. Type 2 Diabetes in Adults: Management. London: National Institute for Health and Care Excellence; (2015). 28 p. [PubMed] [Google Scholar]
- Santos-Longhurst A, Krafcik G. Type 2 Diabetes Statistics and Facts. Healthline; (2014). Available from: www.healthline.com/health/type-2diabetes/statistics [Google Scholar]
- American Diabetes Association. National Diabetes Statistics Report: Statistics about Diabetes. (2014). Available from: www.diabetes.org/diabetes-basics/statistics/
- 4. (2016). Availablefrom: http://care.diabetesjournals.org/content/39/S upplement\_1
- 5. Jha AK, DesRoches CM, Campbell EG, et al. Use of electronic health records in US



hospitals. N Engl J Med 2009; 360:1628–1638.

- Angus DC, Shorr AF, White A, Demidov TT, Schmitz RJ, Kelley MA; Committee on Manpower for Pulmonary and Critical Care Societies (COMPACCS). Critical care delivery in the United States: distribution of services and compliance with Leapfrog recommendations. Crit Care Med 2006; 34:1016–1024
- Bennett C, Khangura S, Brehaut JC, et al. Reporting guidelines for survey research: an analysis of published guidance and reporting practices. PLoS Med 2010; 8: e1001069.
- Groves RM, Fowler FJ Jr, Couper MP, Lepkowski JM, Singer E, Tourangeau R. Survey Methodology. 2nd ed. Hoboken, NJ: John Wiley and Sons, Inc; 2009
- https://www.researchgate.net/publication/27 0283336\_Diabetes\_mellitus/
- "Diabetes Blue Circle Symbol". International Diabetes Federation. 17 March 2006
- 11. International Diabetes Federation (IDF). IDFDiabetes Atlas, 10th edition, 2021. Availableat: IDF Diabetes Atlas
- Indian Council of Medical Research (ICMR). India: Diabetes factsheet. Available at: ICMR Diabetes Factsheet

- Anjana RM, et al. Prevalence of diabetes and prediabetes in 15 states of India: results from the ICMR-INDIAB population-based crosssectional study. Lancet Diabetes Endocrinol. 2017;5(8):585-596. Available at: Lancet -Prevalence of Diabetes in India
- 14. Ramachandran A, et al. High prevalence of diabetes and cardiovascular risk factors associated with urbanization in India. Diabetes Care. 2008;31(5):893-898. Available at: Diabetes Care Urbanization and Diabetes in India
- 15. World Health Organization (WHO). Diabetes country profiles - India. Available at: WHO India Diabetes
- 16. Patel V, et al. Burden of diabetic foot ulcer in India: evidence from the Global Burden of Disease Study 1990–2019. BMC Public Health. 2022; 22:65. Available at: BMC Public Health - Diabetic Foot Ulcer in India}

HOW TO CITE: Sohel Ilahi mujawar, Pritam salokhe, Nilesh Chougule, Medical Surveys of an Antidiabetic Medication in village area of western Maharashtra, Int. J. of Pharm. Sci., 2024, Vol 2, Issue 7, 100-119. https://doi.org/10.5281/zenodo.12608054

