## Quantum Drugs & Chemicals

Reg.Off:25,Bharathi Ula Road, Race Course, Madurai-625002, Tamilnadu, India. Tel:++91(452)4345115/4345116 FAX:91(452)2568580 e-mail:quantumdrugs@gmail.com

### **CERTIFICATE OF ANALYSIS**

Product : CHLORPROPAMIDE BP

Mfg. Date:

Batch No: CP/EXP-

Exp. Date:

Quantity:

<b>No</b> 1.		Tests		Standards		
	Annogranco		A TAThite currentalline negarder			
	Appearance		A White, crystalline powder.			
2.	Solubility		Practically insoluble in water, freely soluble in acetone and in methylene chloride, soluble in alcohol. It dissolves in dilute solutions of alkali hydroxides.			
3.	IDENTIFICATION				·	
A.	Melting point		126° C to 130° C			
В.	UV and visible absorption		Dissolve 0.10g in methanol R and dilute to 50.0 ml with the same solvent. Dilute 5.0 ml of the solution to 100.0 ml with 0.01 M hydrochloric acid. Dilute 10.0 ml of the solution to 100.0 ml with 0.01 M hydrochloric acid. Examined between 220 nm and 350 nm, the solution shows an absorption maximum at 232 nm. The specific absorption at the maximum is 570 to 630.			
C.	Infrared Absorption		Compare spectrum with the reference spectrum of Chlorpropamide CRS			
D.	Chloride		A Curdy white precipitate is formed			
4.	Related substances by TLC					
. [	p-chlorobenzene sulphonamide		Not more than 0.3 %			
	1,3-dipropylurea		Not more than 0.3 %			
, أ	p-chlorobenzene sulphonylurea		Not more than 0.3 %			
, †	Any other spots		Not more than two such spots 0.1%			
5.	Loss on drying		Not more than 0.5 %			
6.	Sulphated Ash		Not more than 0.1 %			
7.	Assay (dried basis)		99.0 to 101.0 %			
REMA	<u> </u>		FORMS	ORMS TO SPECIFICATIONS OF CHLORPROPAMIDE BP		
Prepared by:		Revi	iewed by:	Approved by:		
Name:			•			
Designation:						
Signature:						
G					†	

Manufacturing Site: C-21, Sipcot Industrial Complex, Manamadurai - 630 606. India. Phone No.: ++91-4574-256



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#### **CERTIFICATE OF ANALYSIS**

Product : CHLORPROPAMIDE EP

Mfg. Date:

Batch No: CP/EXP-

Exp. Date:

Quantity:

S. No	Tests		Standards		
1.	Appearance		A White, crystalline powder.		
2.	Solubility		Practically insoluble in water, freely soluble in acetone and in methylene chloride, soluble in alcohol. It dissolves in dilute solutions of alkali hydroxides.		
3.	IDENTIFICATION				
A.	Melting point		126° C to 130° C		
В.	UV and visible absorption		Dissolve 0.10g in methanol R and dilute to 50.0 ml with the same solvent. Dilute 5.0 ml of the solution to 100.0 ml with 0.01 M hydrochloric acid. Dilute 10.0 ml of the solution to 100.0 ml with 0.01 M hydrochloric acid. Examined between 220 nm and 350 nm, the solution shows an absorption maximum at 232 nm. The specific absorption at the maximum is 570 to 630.		
C.	Infrared Absorption		Compare spectrum with the reference spectrum of Chlorpropamide CRS		
D.	Chloride		A Curdy white precipitate is formed		
4.	Related substa	nces by TLC			
	p-chlorobenzene sulphonamide		Not more than 0.3 %		
	1,3-dipropylurea		Not more than 0.3 %		
	p-chlorobenzene sulphonylurea		Not more than 0.3 %		
	Any other spots		Not more than two such spots 0.1%		
5.	Loss on drying		Not more than 0.5 %		
6.	Sulphated Ash		Not more than 0.1 %		
7.	Assay (dried basis)		99.0 to 101.0 %		
REMARKS: THE ABOVE PRODUCT CONFORMS TO SPECIFICATIONS OF CHLORPROPAMIDE					
-	Prepared by:		Reviewed by:	Approved by:	
Name:					
	Designation:				
Signa	Signature:				
Date:	<del></del>	,			

Manufacturing Site: C-21, Sipcot Industrial Complex, Manamadurai - 630 606. India. Phone No.: ++91-4574

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#### **CERTIFICATE OF ANALYSIS**

Product : CHLORPROPAMIDE USP

Mfg. Date:

Batch No: CP/EXP-

Exp. Date:

Quantity:

S. No	Te	sts	Standards				
1	Identification						
	A. Infrared Ab	sorption	Compare spectrum with the reference spectrum of USP Chlorpropamide RS				
	B. Thin Layer Chromatography			Comparable with Chlorpropamide RS			
2	Melting Range		Between 126° C and 129° C				
3	Loss on drying (in vacuum at 60 ° C for 2 hours)		Not more than 1.0 %				
4	Residue on ignition		Not more than 0.4 %				
5	Selenium		0.003 %				
6	Assay by HPLC (ODB)		97.0 to 103.0 %				
REMA	RKS: THE ABOV	E PRODUCT C	ONFOR	MS TO SPECIFICAT	IONS OF CHLORPROPAMIDE USP		
	Prepared by:			Reviewed by:	Approved by:		
Name:							
Designation:							
Signature:							
Date:	Date:						

Manufacturing Site: C-21, Sipcot Industrial Complex, Manamadurai – 630 606. India. Phone No.: ++91-4574-253448RUGS & C