

N DE LOTE:

0090325

CIN No.: U24230TG1989PTC010584



Name of the Product : PROMETHAZINE HYDROCHLORIDE Ph.Eur11.0

Batch No.

: HPHCPS064

Date of manufacture: NOVEMBER 2024

Quantity

: 100kgs (25kgsX 2&10kgs x5)

Date of Expiry

: OCTOBER 2029

Nature of Packing: HDPE DRUMS

10/03/2025

S.No	TEST	RESULTS	SPECIFICATION
1.	Characters	White Crystalline Powder	White or faintly yellowish Crystalline powder.
		Very soluble in water, freely soluble in ethanol (96%) and in methylene chloride. It melts at about 222.3°C with decomposition	Very soluble in water, freely soluble in ethanol (96%) and in methylene chloride.
			It melts at about 222 °C with decomposition
2,	Identification		
	Test A. IR absorption spectrum	Complies	The infra-red absorption spectrum is concordant with the reference spectrum of Promethazine Hydrochloride.
	Test B. By TLC	Complies	It complies with the identification test for phenothiazines.
	Test C. Test for Nitric acid	Complies	The solution becomes orange and an orange-red precipitate is formed.
	Test D. Test for chlorides [Reaction (a)]	Complies	Shall comply the test.
3.	рН		
	10% w/v solution	4.30	4.0 to 5.0

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S.No	TEST	RESULTS	SPECIFICATION
4.	Related substances by HPLC:		
	Impurity A	Not detected	Not more than 0.1%
	Impurity B	0.24%	Not more than 0.8%
	Impurity C	0.08%	Not more than 0.2%
	Impurity D	Not detected	Not more than 0.1%
	Unspecified Impurities	0.05%	Not more than 0.10%
	Total Impurities	0.37%	Not more than 1.2%
5.	Loss on drying at 105°C	0.21%	Not more than 0.5%
6.	Sulphated Ash	0.05%	Not more than 0.1%
7.	Assay (on dried substance)	99.9%	99.0% to 101%
8.	Residual solvents	220	
	Class 1 Solvents	Nil	Not used in our manufacturing process
	Class 2 Solvents o-Xylene	OE3 nom	ICH Limiter 2170 name
	Class 3 Solvents	953 ppm	ICH Limits; 2170 ppm
	Isopropyl alcohol	927 ppm	ICH Limits: 5000 ppm
9.	Microbial Limits	Jan ppin	Ton Limes, 3000 ppm
	Total Bacterial count	Less than 10 cfu/gm	Not more than 1000 cfu/ gm
	Total Fungal count	Less than 10cfu/gm	Not more than 100 cfu/gm
	Pathogens:		, _
	E.Coli	Absent	Shall be absent
	Salmonella	Absent	Shall be absent
	Pseudomonas	Absent	Shall be absent
	Staphylococcus	Absent	Shall be absent

Analyst

Date: 06-12-2024

QC In Charge Date: 06-12-2024

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