



Vaikunth

CHEMICALS PVT. LTD.



VCPL

MANUFACTURER & EXPORTERS OF BULK DRUGS & DRUGS INTERMEDIATE

Plot No. : 408 / 4 & 5, C-1B-407/10 & 11, GIDC Estate, Nr Fire Station Panoli - 394 116, Ta. Ankleshwar, Dist Bharuch, Gujarat, (INDIA).
Phone : + 91-2646-272286, 272289 • E-mail : vaikunthchem@gmail.com, info@vaikunthchem.com • www.vaikunthchemicals.com

CERTIFICATE OF ANALYSIS

NAME OF PRODUCT : TRIFLUOPERAZINE HYDROCHLORIDE USP
BATCH/LOT NO. : 24TFH003
DATE OF MFG. : JULY - 2024
DATE OF EXP. : JUNE - 2028

A.R. NO :- FP/24/046

No.	Test	Specification	Observation
1 ✓	Description	White to pale yellow, crystalline powder. Is practically odorless, and has a bitter taste	White powder
2 ✓	Solubility	Freely soluble in water. Soluble in alcohol. Sparingly soluble in chloroform. Insoluble in ether and benzene	Complies
3 ✓	Identification A) By Infrared absorption spectrophotometry B) By UV-visible spectrophotometry C) Chloride test D) By Thin layer chromatography	A) IR spectra of test sample should be concordant with that of standard IR spectra. B) Absorptivities at 255 nm, calculated on dried basis do not differ by more than 2.0 %. C) Should be give reaction of chloride. D) R _f value of the principal spot from the test solution corresponds to that from the standard solution.	Complies Complies Complies Complies
4 ✓	pH	1.7 and 2.6 (5% w/v solution in water)	1.91
5 ✓	Residue on ignition	Not more than 0.1 %	0.05 %
6 ✓	Loss on drying	Not more than 1.5 %	0.33 %
7 ✓	Assay by potentiometer	NLT 98.0 % and NMT 101.0 % Calculate on the dried basis.	99.80%
Additional test			
1	Melting Point	Melts at about 242°, with decomposition	Complies

Remark: The material complies with respect to the USP specification.

Designation	QC Officer	Designation	QC Head	Designation	QA Head
Prepared By	Dhruv Prajapati	Checked By	Pratik Dudhat	Approved By	Chirag Raiyani
Sign		Sign		Sign	
Date	25/07/24	Date	25/07/24	Date	25/07/24

Format No. F-(QC/GE/027)-004/00

MERSIFARMA LAB
ALA 26/07/24
KP SUDHAKAR