

CERTIFICATE OF ANALYSIS

Product	Oxymetazoline HCL USP		
CAS No.	2315-02-8	Grade	USP
Molecular Formula	C16H25CLN2O	Batch No.	2604/OXYM/001/LAB
Analysis Date	13-04-2026	Batch Qty.	100 gm
MFG Date	APRIL-2026	Retest Date	MARCH -2028

Sr No	Tests	Specification	Result
1	Description	A white to off white, crystalline powder.	Complies
2	Solubility	Soluble in water and alcohol.	Complies
3	Identification		
	A) By IR Spectrophotometry	IR spectrum of sample recorded as Nujol mull should exhibit transmission minima (absorption maxima) at the same wavelengths to those in the spectrum obtained with the Oxymetazoline hydrochloride-working standard.	Complies
	B) By Assay(HPCL)	The retention time of the major peak of the sample solution should correspond to that of the standard solution, as obtained in the assay.	Complies
	D) Test for Chloride	A curdy white precipitate should form, which settles in the test tube, indicating the presence of chlorides ions.	Complies
4	Related substances By HPLC		
	Impurity A	Not more than 0.15 %	0.07%
	Unspecified impurity	Not more than 0.10 %	0.05%
	Total impurities	Not more than 0.50 %	0.18%
5	PH (5.0 % w/v solution in water)	4.0 to 6.5	5.5
6	Loss on drying	NMT 1.0%	0.12%
7	Assay	Between 98.5% to 101.5% (on dried basis)	99.97%
8	Sulphated ash	Not more than 0.1%	0.03%

9	Residual Solvents (by GC, g/g)		
	E.A	Not more than 1000	Complies
	Acetone	Not more than 1000	Complies
	Isopropyl alcohol	Not more than 1000	Complies
	Toluene	Not more than 500	Complies
10	Melting Range	300 °C to 303 °C	About 302 °C

Storage condition: Preserve in well-closed air tight containers.

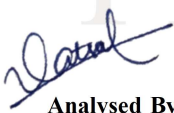
Remarks: All above test parameters complies as per IP/BP/EP/USP specifications/monograph.

End of the Test Report

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14/04/2026



Analysed By

M.D Patel

14/04/2026



Checked By

Parash Kayda

14/04/2026



Hiral J.

End of the Test Report

PERIELECHEM PHARMA PVT LTD.

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