

LASONS™

LASONS INDIA PVT LTD.

C-18 MIDC, TALOJA, NEW MUMBAI, DIST. RAIGAD,
 MAHARAHTRA PHONE : 27410147/FAX NO : 91 - 22- 6428131
 E-MAIL : lasons@bom3.vsnl.net.in

**SPECIFICATION OF
 NIACINAMIDE (NICOTINAMIDE) AS PER IP**

Sr. No.	TEST	SPECIFICATION	METHOD
1.	DESCRIPTION	COLOURLESS CRYSTALS OR WHITE CRYSTALLINE POWDER ODOUR FAINT & CHARACTERISTIC.	VISUAL
2.	SOLUBILITY	FREELY SOLUBLE IN WATER AND IN ETHANOL ,SLIGHTLY SOLUBLE IN CHLOROFORM AND IN ETHER.	VISUAL
3.	IDENTIFICATION	TEST B- PYRIDINE TEST C- ODOUR TEST D- COLOUR TEST E- MELTING POINT (128°C TO 131°C)	B- VISUAL C- VISUAL D- VISUAL E- BY MELTING POINT APPARATUS
4	P ^H 5.0% W/V SOLUTION	6.0 TO 7.5	BY P ^H METER
5.	CLEARITYAND COLOUR SOLUTION	SOLUTION SHOULD BE CLEAR	VISUAL
6.	CHLORIDE	NMT 250 PPM	VISUAL
7.	SULPHATE	NMT 125 PPM	VISUAL
8.	HEAVY METALS	MAX. 30 PPM	VISUAL
9.	RELATED SUBSTANCE	ANY SPOT IN THE CHROMATOGRAM OBTAINED WITH THE TEST SOLUTION, APART FROM THE PRINCIPAL SPOT , IS NOT MORE INTENSE THAN THE SPOT IN THE REFERENCE SOLUTION.	BY TLC
10.	SULPHATED ASH	MAX. 0.1%	BY MUFFEL FURNACE
11.	LOSS ON DRYING	MAX. 0.5%	BY VACCUM OVEN
12.	ASSAY ON DRY BASIS	99.0 % - 101.0 %	BY TITROMETRY

PREPARED BY :

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