

LASONS™

**LASONS INDIA PVT LTD.**

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

Sr. No.	TEST	SPECIFICATION	METHOD
1.	CHARACTERS	WHITE CRYSTALLINE POWDER OR COLOURLESS CRYSTALS.	VISUAL
2.	SOLUBILITY	FREELY SOLUBLE IN WATER AND IN ETHANOL .	VISUAL
3	IDENTIFICATION	TEST A-MELTING POINT(128°C TO 131°C B- IR C- ODOUR TEST D- COLOUR TEST	A- BY MELTING POINT APPARATUS B- BY IR C- VISUAL D- VISUAL
5.	APPERANCE OF THE SOLUTION	SOLUTION SHOULD BE CLEAR	VISUAL
6.	pH 5.0% W/V SOLUTION	6.0 TO 7.5	BY pH METER
7.	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. (0.25 %)	BY TLC
8.	HEAVY METALS	MAX. 30 PPM	VISUAL
9.	LOSS ON DRYING	MAX. 0.5%	BY VACCUME OVEN
10.	SULPHATED ASH	MAX. 0.1%	BY MUFFEL FURNACE
11.	ASSAY ON DRY BASIS	99.0 % - 101.0 %	BY TITROMETRY

PREPARED BY :

DATE :

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DATE :

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