

LASONS™

**LASONS INDIA PVT LTD.**

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

SR. NO	TESTS	SPECIFICATION	METHOD
1	CHARACTERS	WHITE CRYSTALLINE POWDER , ODOUR FAINT & CHARACTERISTIC	VISUAL
2	SOLUBILITY	FREELY SOLUBLE IN WATER AND IN ETHANOL	VISUAL
3	IDENTIFICATION	TEST A – INFRARED ABSORPTION B – ULTRAVIOLET ABSORPTION	A- BY I.R. B- BY UV
4	MELTING RANGE	ABOUT 128°C TO 131°C	BY MELTIN POINT APPARATUS
5	LOSS ON DRYING	MAX. 0.5 %	BY VACCUM OVEN
6	RESIDUE ON IGNITION	MAX. 0.1 %	BY MUFFEL FURNACE
7	HEAVY METAL	MAX. 0.003 %	VISUAL
10	RADILY CARBONIZABLE SUBSTANCE	AS PER USP	VISUAL
11	ORGANIC VOLITILE IMPURITY	AS PER USP	BY GC- HEADSPACE
12	ASSAY ( ON DRY BASIS)	98.50 % - 101.50 %	BY HPLC

PREPARED BY :

DATE :

CHECKED BY :

DATE :