

Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

Specification Sheet

Product: Vitamin B3, Niacinamide USP

Item	Specification
Description and Solubility	White, crystalline powder. (*Is odorless or practically so*) Its solutions are neutral to litmus. Freely soluble in water and in alcohol. Soluble in glycerin.
Identification -IR	IR absorption spectrum of the sample should be concordant with the spectrum obtained with niacinamide working standard.
-UV	UV spectrum of the sample should be concordant with that of working standard spectrum. The A245//A262 ratio is 0.63 – 0.67
Melting Range	128.0°C – 131.0°C
Loss on Drying (Over Silica gel for 4 hr)	≤ 0.50% w/w
Residue on Ignition	≤ 0.10%
Readily Carbonizable Substances	The sample solution has no more color than Matching Fluid A.
Assay (by HPLC)	≥ 98.5% w/w ≤ 101.5% w/w of niacinamide, calculated on the dried basis

Country of Origin: India

Storage: Store in sealed container in cool, dry place.

Shelf-Life: 5 years from the date of manufacture.