

CERTIFICATE OF ANALYSIS

Product Name	Vitamin B3 (Niacinamide)
Product Code	AL00039
INCI Name	Niacinamide
CAS Number	98-92-0
Lot Number	B2404-NIA084R
Manufacture Date	04/2024
Re-test Date	03/2029

Analytical Tests	Specification	Results
Appearance	White Crystalline Powder	CONFORMS
Identification		
A. Melting Point	128.0 - 131.0°C	130.1 - 130.6°C
B. By IR	Niacinamide working stand	CONFORMS
C. Thin-layer chromatography	Chromatogram reference solution	CONFORMS
Appearance of Solution (5% in aq. Solution)	Reference solution BY ₇	CONFORMS
pH (5% in aq. Solution)	6.0 - 7.5	6.68
Related Substances %w/w (by HPLC)		
A. Unspecified impurity	0.10% w/w (max)	0.05% w/w
B. Total impurity	0.20% w/w (max)	0.08% w/w
Loss on Drying (in vacuo for 18 hrs)	NMT 0.50% w/w	0.06% w/w
Sulfated Ash	NMT 0.10% w/w	0.05% w/w
Assay (on dried basis) (by Titration)	NMT 99.0% w/w and NMT 101.0% w/w	99.8% w/w
Solubility	Freely soluble in water and anhydrous ethanol; slightly soluble in methylene chloride	CONFORMS

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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