

Product: Niacinamide

Lot/Batch Number: NCMD230209

Manufacture Date: January 2022

Retest Date: January 2025

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance @ 20°C	Crystalline Powder	PASS
Colour	White	PASS
Identity (UV)	0.63 – 0.67	0.66
Identity (NaOH)	Corresponds	Conforms
Identity (IR)	Corresponds	Conforms
Assay (HPLC) %	99.0 – 101.0	100.1
Heavy Metals (as Pb)	≤ 20	< 20
Lead	≤ 2	< 0
Chloride (limit test) ppm	≤ 70.0	< 70
Sulfate (limit test) ppm	≤ 190.0	< 190
Readily Carbonized Substances (USP)	Matching Fluid A	Conforms
pH (5g/100ml water)	6.0 – 7.5	6.6
Loss on Drying %	< 0.5	0.0
Melting Range: Start Point °C	128 – 131	129.1

Disclaimer & Caution

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Certificate of Analysis

Date: March 10, 2023

Melting Range: End Point °C	128 – 131	129.4
Particle Size Fraction (50 µm)	≥ 90	100
Particle Size Fraction (250 µm)	≤ 8	2
Residue on Ignition %	≤ 0.10	< 0.05

Shelf-life & Storage: Expiry from the date of manufacture is only if stored under dry, ambient conditions in a sealed container away from direct light.

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