

Product: Niacinamide

Lot/Batch Number: NCMD230705

Manufacture Date: October 2021

Retest Date: October 2024

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Crystalline Powder	Pass
Colour	White	Pass
Identification (UV)	0.63 – 0.67	0.67
Identification (NaOH)	Corresponds	Conforms
Identity (IR)	Corresponds	Conforms
Assay (HPLC) %	00.0 – 101.0	100.1
Heavy Metals, ppm	≤ 20.0	< 20
Lead	≤ 2	< 0
Chloride, ppm	≤ 10.0	< 70
Sulfate, ppm	≤ 160.0	< 190
Readily Carbonizable Substances	Matching Fluid A	Conforms
pH (5g/100ml)	6.0 – 7.5	6.5
Loss on Drying, %	< 0.5	0.0
Residual Solvents	Meets Requirements	Conforms

Disclaimer & Caution

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Certificate of Analysis

Date: October 26, 2023

Melting Range, Start °C	128 – 131	129.2
Melting Point, End °C	128 – 131	129.5
Particle Size Fraction (250 microns)	≤ 8% on 60 Mesh	1
Particle Size Fraction (50 microns)	≥ 90.0	100
Residue on Ignition, &	≤ 0.100	< 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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