

Product: Niacinamide

Lot/Batch Number: NCMD220613

Retest Date: October, 2024

Manufacture Date: October, 2021

Commercial Expiry: N/A

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance @ 20°C	Crystalline Powder	PASS
Colour	White	PASS
Identity (UV)	0.63 – 0.67	0.66
Identity (NaOH)	Corresponds	Corresponds
Identity (IR)	Corresponds	Corresponds
Assay (HPLC)	99.0 – 101.0	99.3
Heavy Metals (as Pb)	≤ 20 Max.	< 20
Lead	≤ 2 Max	< 0
Chloride (limit test)	≤ 190 Max.	< 70
Sulfate (limit test)	Matching Fluid A	< 190
Readily Carbonized Substances (vis)	6.0 – 7.5	6.6
pH (5g/100ml water)	≤ 0.5 Max.	0.0
Loss on Drying	128 - 131	129.1
Melting Range: Start Point °C	128 – 131	129.4
Melting Range: End Point °C	≤ 90 Max.	100
Particle Size Fraction (50µm)	≤ 8.0 Max.	2
Particle Size Fraction (250µm)	≤ 0.10 Max.	Corresponds
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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