

Product: Niacinamide

Lot/Batch Number: NCMD220526

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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