

Nicotinamide Riboside Chloride (NR Cl)

Product Characteristics

Appearance	White to light yellow powder
Country of Origin	China
Manufacturer	Jari Pharmaceutical

Profile	Method	Specification
Content	HPLC	≥ 98.0
Purity	HPLC	≥ 98.0
Moisture	KF	≤ 1.0%
Residue on ignition		≤ 0.1%
Related substances		
Nicotinamide		≤ 2.0%
Methyl acetate		≤ 0.5%
Nicotinamide ribose triacetate		≤ 0.5%
Ribofuranose tetraacetate		≤ 0.5%
Acetamide		≤ 0.5%
Total impurities		≤ 2.0%
Residual solvents		
Ethanol	GC	≤ 1.0%
Particle analysis		
Retained on 40 mesh		≤ 2.0%
Retained on 60 mesh		≤ 12.0%
Through 80 mesh		≤ 35.0%
Bulk density		≥ 0.30 g/ml
Arsenic	AAS	≤ 0.5 ppm
Lead	AAS	≤ 0.5 ppm
Mercury	AAS	≤ 0.1 ppm
Cadmium	AAS	≤ 1.0 ppm
Total plate count		≤ 750 CFU/g
Yeast & molds		≤ 50 CFU/g
E. coli		Not detected
Salmonella		Not detected

Storage

Store at 0°C - 4°C in tight containers, protected from light & moisture.

Revised: 10/19/23