



Specification

Inositol Hexanicotinate

CAS Number: 6556-11-2
Molecular Formula: C₄₂H₃₀N₆O₁₂
Molecular Weight: 810.73
Storage: 15°C - 30°C
Retest Period: 24 months after date of manufacture.

Test	Specification
Appearance	White to off-white powder
Solubility	Practically insoluble in water, soluble in dilute mineral acids
Identification	Positive
Particle Size	100% Through 80 mesh
Odor	Odorless
Clarity & Color	< BY6, clear
Loss on Drying	≤ 1.0%
Residue on Ignition	≤ 0.1%
Assay	98.0% ~ 101.0%
Chloride	≤ 0.035%
Free Nicotinate Acid	≤ 0.8 mL/g
Acetone	≤ 0.02%
Heavy Metals	≤ 10ppm
Arsenic	≤ 2ppm
Cadmium	≤ 1ppm
Lead	≤ 2ppm
Mercury	≤ 0.1ppm
Microbiology Specifications	
Total Plate Count	≤ 1000cfu/g
Yeast and Mold	≤ 100cfu/g
Coliforms	≤ 10cfu/g
E.Coli	Negative
Salmonella	Negative
Staph. Aureus	Negative

Approved:

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager

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Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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