



Specification

Monensin Sodium Salt

Catalog Number: MS1008
CAS Number: 22373-78-0
Molecular Formula: C₃₆H₆₁NaO₁₁
Molecular Weight: 692.90
Storage: 2°C – 8°C
Retest Period: Two years from date of manufacture.

Test	Specification
Appearance	White to off-white powder
Assay (HPLC) ¹ Monensin A	≥ 90%
Monensin A&B	≥ 95%
Potency	≥ 900 mg/g
Identification ¹	To match standard
Melting Point	267°C – 269°C
Moisture (LOD) ¹	≤ 2.0%
Residue on Ignition	8.0 – 12.0%
Solubility	Ethanol (25 mg/mL)
pH	6.5 – 9.5
Heavy Metals	≤ 20ppm
Arsenic	≤ 4ppm

Approved:

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com

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