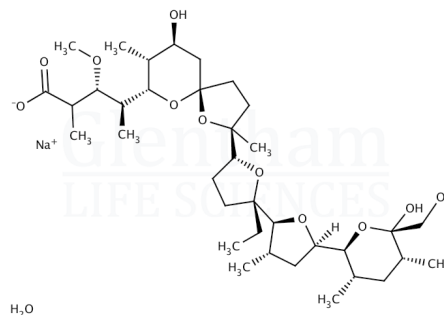


Certificate of Analysis

Product Name Monensin sodium salt
Glentham Code GA4916
CAS Number 22373-78-0
EINECS 244-941-7
MDL Number MFCD00077826
PubChem SID 310277287
Batch Number 354CBU

Molecular Weight 692.86
Molecular Formula $C_{36}H_{61}NaO_{11}$
Storage Temp. +4°C



Property	Specification	Batch 354CBU
Physical Description	White to pale yellow powder	Pale yellow powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in methanol)	Clear, colourless to yellow solution	Clear, pale yellow solution
Specific Optical Rotation ([α] _{20/D})	+55.0 - +60.0 ° (c=1, methanol)	+57.7°
Loss on Drying	≤ 5.0% (60°C, 3h)	0.9%
Content	Monensin A: ≥ 90.0%	96.0%
	Monensin A + B: ≥ 95.0%	104.4%
Assay	≥ 800µg/mg	888µg/mg

Specification Version v1.1
Manufacture Date 2023-04-28
Re-Test Date 2030-12-01

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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