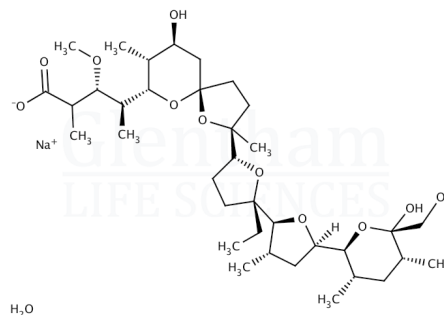


## Certificate of Analysis

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 ( $[\alpha]_{20/D}$ ) | +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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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