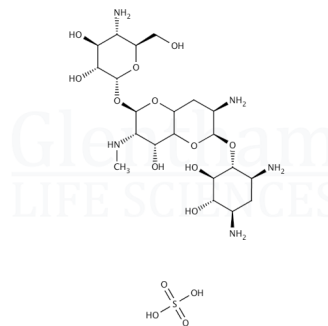


Certificate of Analysis

Product Name Apramycin sulfate salt
Glenthams Code GA8829
CAS Number 65710-07-8
EINECS 265-890-7
MDL Number MFCD06200257
Additional CAS 41194-16-5
Batch Number 145BLI

Molecular Weight 539.58 (free base)
Molecular Formula $C_{21}H_{41}N_5O_{11} \cdot xH_2SO_4$
Storage Temp. +4°C



Property	Specification	Batch 145BLI
Physical Description	Yellow to dark yellow powder	Yellow to dark yellow powder
Identification (IR)	To conform to standard	Conforms
Loss on Drying	$\leq 10.0\%$	1.9%
Residue on Ignition	$\leq 1.0\%$	0.2%
Heavy Metals	$\leq 20\text{ppm}$	Conforms
Assay	$\geq 550\mu\text{g/mg}$ (Apramycin, dried basis)	596 $\mu\text{g/mg}$

Specification Version v1.1
Manufacture Date 2021-05-23
Re-Test Date 2029-12-04

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

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