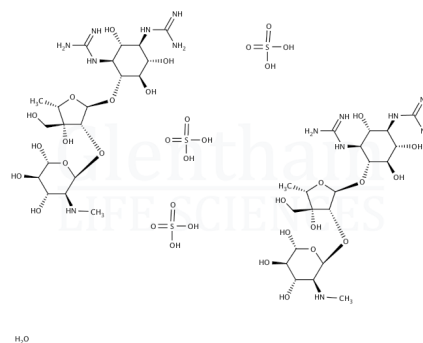


Certificate of Analysis

Product Name Dihydrostreptomycin sesquisulfate
Glentham Code GA8949
CAS Number 5490-27-7
EINECS 226-823-7
MDL Number MFCD00070252
Additional CAS 57-92-1 (base)
PubChem SID 310271786
Batch Number 438KKD

Molecular Weight 730.71
Molecular Formula $C_{21}H_{41}N_7O_{12} \cdot 5H_2SO_4$
Storage Temp. +4°C



Property	Specification	Batch 438KKD
Physical Description	White to off-white powder	White powder
Potency	$\geq 730IU/mg$ (anhydrous)	752IU/mg
Streptomycin	$\leq 1.0\%$	0.34%
pH	5.0 - 7.0 (2.5g in 10ml water)	5.7
Specific Optical Rotation	-83 - -91 °	-89°
Heavy Metals	$\leq 20ppm$	Conforms
Loss on Drying	$\leq 5.0\%$	2.8%
Sulphated Ash	$\leq 1.0\%$	0.2%
Sulphate	18.0 - 21.5 %	18.4%
Pharmacopoeia Specification(s)	EP5.0	Conforms

Specification Version v1.0
Manufacture Date 2016-01-12
Re-Test Date 2026-02-19

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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