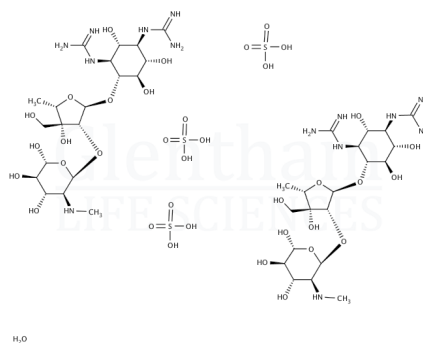


Certificate of Analysis

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	≥ 730IU/mg (anhydrous)	752IU/mg
Streptomycin	≤ 1.0%	0.34%
pH	5.0 - 7.0 (2.5g in 10ml water)	5.7
Specific Optical Rotation	-83 - -91 °	-89°
Heavy Metals	≤ 20ppm	Conforms
Loss on Drying	≤ 5.0%	2.8%
Sulphated Ash	≤ 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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