

Certificate of Analysis

Date of Testing: 2025-05-30 10:44:51

Date of Next Testing: 2027-05-30 10:44:51

Product Name: **Dihydrostreptomycin sulfate**

CAS Number: 5490-27-7

Specifications & Purity: $\geq 98\%$

Lot #: E2523053

SKU #: **D137269**

Version: **2**

Analysis #: **519026**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.66700 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	-91--83 ($^{\circ}$)	-83.02 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager