

## Certificate of Analysis

Date of Testing: 2024-08-22 17:07:15  
Date of Next Testing: 2026-08-22 17:07:15  
Product Name: **Dihydrostreptomycin sulfate**  
CAS Number: 5490-27-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2211308  
SKU #: **D137269**  
Version: **2**  
Analysis #: **403176**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

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