

Certificate of Analysis

Date of Testing: 2023-03-28 13:54:25

Date of Next Testing: 2027-03-27 13:54:25

Product Name: **D-(-)-Threose**

CAS Number: 95-43-2

Specifications & Purity: $\geq 90\%$

Lot #: C2316427

SKU #: **T120934**

Analysis: **179442**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	90-100	100.00
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$	-16.4--9.8 (°)	-11.60°
¹³ C NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (T120934)	Colorless to Light orange to Yellow clear liquid	Colorless to Light orange to Yellow clear liquid



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QA & QC Manager