

Certificate of Analysis

Date of Testing: 2023-08-17 15:31:48

Date of Next Testing: 2026-08-16 15:31:48

Product Name: **2-Deoxy-D-ribose**

CAS Number: 533-67-5

Specifications & Purity: suitable for cell culture, BioReagent

Lot #: H2314423

SKU #: **D485294**

Analysis: **248737**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.49%
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-58~-54 (°)	-54.01°
Solubility in H ₂ O , 100 mg/mL, Clear to Slightly Hazy Colorless to Light Yellow	Pass	Pass
Appearance(D485294)	White to Off White Powder	White to Off White Powder
Cell Culture Test	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager