

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-19 09:05:30

Date of Next Testing: 2027-04-18 09:05:30

Product Name: **L(+)-Erythrose**

CAS Number: 533-49-3

Specifications & Purity: $\geq 95\%$ (HPLC), 70% in water

Lot #: D2306271

SKU #: **E120857**

Version: **0**

Analysis #: **196017**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	32-38 (°)	35.70000 °
Purity(HPLC)	95-100 (%)	96.20000 %
Water by Karl Fischer	25-35 (%)	31.66000 %
Appearance (E120857)	Faint Yellow to Light Yellow Syrup	Faint Yellow to Light Yellow Syrup
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager