

Certificate of Analysis

Date of Testing: 2022-11-01 17:21:08

Date of Next Testing: 2026-10-31 17:21:08

Product Name: **(R)-(+)-2-Bromopropionic Acid**

CAS Number: 10009-70-8

Specifications & Purity: >98.0%(GC)

Lot #: J2229532

SKU #: **R160937**

Analysis: **098744**

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.472-1.476	1.47
Optical purity(GC)	95-100 (%)	97.30 %
Purity(GC)	98-100 (%)	98.02 %
Specific rotation [α] _{20/D} (c=1, Methanol)	27-35 (°)	30.28800°
Appearance (R160937)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager