

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-20 18:37:02

Date of Next Testing: 2029-01-19 18:37:02

Product Name: **(S)-3-Hydroxymethylmorpholine**

CAS Number: 211053-50-8

Specifications & Purity: $\geq 95\%$

Lot #: A2614522

SKU #: **S192022**

Version: **1**

Analysis #: **609495**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.75700 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 1N \text{ HCl})$	-20~-16 (°)	-18.86900 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager