

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-24 17:23:00

Date of Next Testing: 2029-04-23 17:23:00

Product Name: **N-(2-Hydroxypropyl)morpholine**

CAS Number: 2109-66-2

Specifications & Purity: $\geq 98\%$

Lot #: D2509543

SKU #: **H168534**

Version: **0**

Analysis #: **503270**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.462-1.466	1.46
Purity(GC)	98-100 (%)	98.90 %
Appearance (H168534)	Colorless to light yellow to orange liquid	Colorless to light yellow to orange liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager