

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-10 13:02:21
 Date of Next Testing: 2029-02-09 13:02:21
 Product Name: **(S)-3-Ethylmorpholine**
 CAS Number: 748117-01-3
 Specifications & Purity: $\geq 96\%$
 Lot #: A2630437
 SKU #: **E731637**
 Version: **1**
 Analysis #: **616156**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	98.92800 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-13~-10 (°)	-11.49200 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
GC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager