

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-12 12:04:32
 Date of Next Testing: 2028-03-11 12:04:32
 Product Name: **Trimethylolpropane tris[poly(propylene glycol), amine terminated] ether**
 CAS Number: 39423-51-3
 Specifications & Purity: average M_n 440
 Lot #: C2510376
 SKU #: **T478164**
 Version: **1**
 Analysis #: **475451**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Total Amines	6.1-6.6 (meq/g)	6.41000 meq/g
Water by Karl Fischer	0-0.25 (%)	0.18010 %
M_n	390-490	396.70000
Primary Amine	90 - 100 (%)	97.50000 %
Appearance(T478164)	Colorless to Very Faint Yellow Liquid	Colorless to Very Faint Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager