

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-19 16:50:28
 Date of Next Testing: 2029-08-18 16:50:28
 Product Name: Diisopropanolamine(DL- and meso- mixture)
 CAS Number: 110-97-4
 Specifications & Purity: $\geq 98\%$
 Lot #: K2109627
 SKU #: D106370
 Version: 0
 Analysis #: 556430
 Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Titration by 0.1M HCl)	97.5-102.5 (%)	98.50000 %
Content of carbonate	0-0.5 (%)	0.10000 %
Purity(sum of isomers) (GC)	98-100 (%)	98.00800 %
Water by Karl Fischer	0-5 (%)	0.14000 %
Appearance (D106370)	White to Beige Powder, Solid, Crystals or Chunks	White to Beige Powder, Solid, Crystals or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager