

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-09 10:38:20
 Date of Next Testing: 2028-03-08 10:38:20
 Product Name: Diisopropanolamine(DL- and meso- mixture)
 CAS Number: 110-97-4
 Specifications & Purity: ≥98%
 Lot #: B2423134
 SKU #: D106370
 Version: 0
 Analysis #: 311391
 Storage Temperature: Protected from light,Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Purity(Titration by 0.1M HCl)	97.5-102.5 (%)	99.68800 %
Water by Karl Fischer	0-5 (%)	0.23550 %
Purity(sum of isomers) (GC)	98-100 (%)	98.31100 %
Content of carbonate	0-0.5 (%)	0.20000 %
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