

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-20 10:01:47

Date of Next Testing: 2028-06-19 10:01:47

Product Name: Diisopropanolamine(DL- and meso- mixture)

CAS Number: 110-97-4

Specifications & Purity: $\geq 98\%$

Lot #: F2401123

SKU #: D106370

Version: 0

Analysis #: 357165

Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Titration by 0.1M HCl)	97.5-102.5 (%)	97.60000 %
Water by Karl Fischer	0-5 (%)	0.19890 %
Purity(sum of isomers) (GC)	98-100 (%)	98.02000 %
Content of carbonate	0-0.5 (%)	0.50000 %
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