

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-19 15:15:20
Date of Next Testing: 2026-10-18 15:15:20
Product Name: **Diisopropanolamine(DL- and meso- mixture)**
CAS Number: 110-97-4
Specifications & Purity: $\geq 98\%$
Lot #: I2219397
SKU #: **D106370**
Version: **0**
Analysis #: **146400**
Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Titration by 0.1M HCl)	97.5-102.5 (%)	98.56000 %
Content of carbonate	0-0.5 (%)	0.11000 %
Purity(sum of isomers) (GC)	98-100 (%)	98.01000 %
Water by Karl Fischer	0-5 (%)	0.14490 %
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