

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-27 15:28:03

Date of Next Testing: 2027-03-26 15:28:03

Product Name: **1,2-Propanediamine**

CAS Number: 78-90-0

Specifications & Purity: $\geq 99\%$

Lot #: C2323706

SKU #: **P103897**

Version: **0**

Analysis #: **199577**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.864-0.867	0.86600
Purity(GC)	99-100 (%)	99.73900 %
Refractive index n _{20/D}	1.445-1.447	1.44610
Appearance (P103897)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager