

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-19 20:54:26

Date of Next Testing: 2026-02-18 20:54:26

Product Name: **N-Propyl-1,3-propanediamine**

CAS Number: 23764-31-0

Specifications & Purity: $\geq 99\%$

Lot #: B2315228

SKU #: **I168897**

Version: **1**

Analysis #: **156693**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.4441-1.4461	1.44550
Purity(GC)	99-100 (%)	99.01000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(I168897)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager