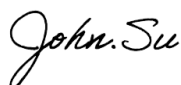


Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2022-11-05 16:01:59
Date of Next Testing: 2026-10-05 16:01:59
Product Name: **Diethylamine**
CAS Number: 109-89-7
Specifications & Purity: purified by redistillation, ≥99.5%
Lot #: K2203119
SKU #: **D110469**
Analysis: **148497**

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.383-1.387	1.38480
Density (20°C)	0.704-0.708	0.70600
Purity(GC)	99.5-100 (%)	99.83500 %
Appearance (D110469)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager