

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-16 18:24:03

Date of Next Testing: 2029-06-15 18:24:03

Product Name: **1,4-Diethylbenzene**

CAS Number: 105-05-5

Specifications & Purity: $\geq 99\%$

Lot #: F2505026

SKU #: **D107653**

Version: **1**

Analysis #: **081970**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.493-1.496	1.49510
bromine index	0-2 (mg)	0.09300 mg
Density (20°C)	0.862-0.865	0.86210
Purity(GC)	99-100 (%)	99.51800 %
Total Chlorine(Cl)	0-1 (ppm)	0.01680 ppm
Total Sulfate	0-1 (ppm)	0.05000 ppm
Total Nitrogen	0-1 (ppm)	0.09000 ppm
Appearance (D107653)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager