

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-04 11:14:44

Date of Next Testing: 2028-11-03 11:14:44

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

CAS Number: 105-05-5

Specifications & Purity: $\geq 99\%$

Lot #: C1709066

SKU #: **D107653**

Version: **1**

Analysis #: **429892**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.493-1.496	1.49560
bromine index	0-2 (mg)	1.20800 mg
Density (20°C)	0.862-0.865	0.86340
Purity(GC)	99-100 (%)	99.51600 %
Total Chlorine(Cl)	0-1 (ppm)	0.46000 ppm
Total Sulfate	0-1 (ppm)	0.52400 ppm
Total Nitrogen	0-1 (ppm)	0.36500 ppm
Appearance (D107653)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager