

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-14 13:39:43
 Date of Next Testing: 2029-05-13 13:39:43
 Product Name: **1,4-Diethylbenzene**
 CAS Number: 105-05-5
 Specifications & Purity: $\geq 99\%$
 Lot #: G2123108
 SKU #: **D107653**
 Version: **1**
 Analysis #: **508766**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.493-1.496	1.49500
bromine index	0-2 (mg)	1.10000 mg
Density (20°C)	0.862-0.865	0.86200
Purity(GC)	99-100 (%)	99.20000 %
Total Chlorine(Cl)	0-1 (ppm)	0.04000 ppm
Total Sulfate	0-1 (ppm)	0.03800 ppm
Total Nitrogen	0-1 (ppm)	0.08000 ppm
Appearance (D107653)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager