

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-16 14:48:51
 Date of Next Testing: 2027-11-15 14:48:51
 Product Name: **lineal alkylbenzene**
 CAS Number: 29986-57-0
 Specifications & Purity: $\geq 94\%$, straight chain isomer mixture
 Lot #: K2314187
 SKU #: **D639553**
 Version: **2**
 Analysis #: **294053**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	94-100 (%)	95.70000 %
Refractive index n ₂₀ /D	1.4820-1.485	1.48280
Water by Karl Fischer	0-0.01 (%)	0.00760 %
Average molecular weight	238-250	243.00000
Sulphonatable matter	98.5-100 (%)	99.00000 %
Viscosity(@40°C)	4.0-4.8 (mm ² /s)	4.30000 mm ² /s
Bromine number(As Br)	0-0.02 (g/100g)	0.00670 g/100g
Appearance(D639553)	colorless liquid	Colorless liquid



John Su
QA & QC Manager