

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-04 16:38:37  
Date of Next Testing: 2024-06-03 16:38:37  
Product Name:  **$\alpha,\alpha,2,6$ -Tetrachlorotoluene**  
CAS Number: 81-19-6  
Specifications & Purity:  $\geq 98.0\%$ (GC)  
Lot #: F2201091  
SKU #: **A137698**  
Analysis: **044895**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.23%
Density (20°C)	1.526-1.529	1.53
Refractive index n <sub>20</sub> /D	1.588-1.59	1.59
Appearance (A137698)	Colorless to light yellow to pink liquid	Colorless to light yellow to pink liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager