

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-08 11:00:04

Date of Next Testing: 2027-10-07 11:00:04

Product Name: **3,4-Dibromotoluene**

CAS Number: 60956-23-2

Specifications & Purity: $\geq 98\%$

Lot #: B1625053

SKU #: **D123553**

Version: **1**

Analysis #: **282249**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.05000 %
Refractive index n ₂₀ /D	1.597-1.601	1.60020
Density (20°C)	1.85-1.857	1.85630
Appearance (D123553)	Colorless to Yellow to Tan Liquid	Colorless to Yellow to Tan Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager