

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-16 17:03:25
 Date of Next Testing: 2025-10-05 17:03:25
 Product Name: **2,3-Dibromothiophene**
 CAS Number: 3140-93-0
 Specifications & Purity: $\geq 98\%$
 Lot #: J2310601
 SKU #: **D100742**
 Version: **1**
 Analysis #: **275173**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.63-1.633	1.63220
Purity(GC)	98-100 (%)	98.56900 %
Density (20°C)	2.18-2.194	2.18200
Appearance (D100742)	Colorless to Yellow to dark red-brown Liquid	Colorless to Yellow to dark red-brown Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager