

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-08 15:41:22

Date of Next Testing: 2025-03-28 15:41:22

Product Name: **2,3-Dibromothiophene**

CAS Number: 3140-93-0

Specifications & Purity: $\geq 98\%$

Lot #: C2330954

SKU #: **D100742**

Version: **1**

Analysis #: **030315**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.63-1.633	1.63190
Purity(GC)	98-100 (%)	98.30700 %
Density (20°C)	2.18-2.194	2.18000
Appearance (D100742)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager