

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-13 15:32:14
 Date of Next Testing: 2024-12-02 15:32:14
 Product Name: **4-Bromoindole**
 CAS Number: 52488-36-5
 Specifications & Purity: $\geq 98\%$
 Lot #: C2112172
 SKU #: **B111478**
 Version: **0**
 Analysis #: **167359**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.11800 %
Refractive index n ₂₀ /D	1.653-1.657	1.65500
Density (20°C)	1.573-1.583	1.57600
Appearance (B111478)	yellow to red to brown liquid	yellow to red to brown liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager