

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-11 10:06:32  
 Date of Next Testing: 2027-04-01 10:06:32  
 Product Name: **4-Bromoindole**  
 CAS Number: 52488-36-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: G2311693  
 SKU #: **B111478**  
 Version: **0**  
 Analysis #: **493085**  
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                           | Limit Values                  | Result                        |
|-------------------------------------|-------------------------------|-------------------------------|
| Purity(GC)                          | 98-100 (%)                    | 98.00000 %                    |
| Refractive index n <sub>20</sub> /D | 1.653-1.657                   | 1.65300                       |
| Density (20°C)                      | 1.573-1.583                   | 1.57800                       |
| 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