

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-19 17:17:35  
Date of Next Testing: 2028-12-18 17:17:35  
Product Name: **9,10-Dibromoanthracene**  
CAS Number: 523-27-3  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: C2110198  
SKU #: **D123403**  
Version: **0**  
Analysis #: **452436**

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Melting point                                    | 220-228 (°C)          | 226.26800 °C          |
| Purity(HPLC)                                     | 98-100 (%)            | 99.84000 %            |
| Purity(O2 AgNO3 titration with after combustion) | 97.5-102.5 (%)        | 99.56 %               |
| Appearance (D123403)                             | yellow crystals       | yellow crystals       |
| Proton NMR spectrum                              | Conforms to Structure | Conforms to Structure |
| Solubility in hot Toluene                        | almost transparency   | almost transparency   |



John Su  
QA & QC Manager