

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-14 17:44:09  
 Date of Next Testing: 2026-01-13 17:44:09  
 Product Name: **5,10,15,20-tetra(4-bromophenyl)porphyrin**  
 CAS Number: 29162-73-0  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: A2309053  
 SKU #: **B300692**  
 Version: **2**  
 Analysis #: **083647**  
 Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                       | Limit Values                            | Result                                  |
|---------------------------------|-----------------------------------------|-----------------------------------------|
| Lambda max.(CHCl <sub>3</sub> ) | 419-420 (nm)                            | 420.00000 nm                            |
| Purity(As C)                    | 97-100 (%)                              | 99.48000 %                              |
| Appearance (B300692)            | Purple to Dark purple powder to crystal | Purple to Dark purple powder to crystal |
| Proton NMR spectrum             | Conforms to structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager