

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-07 14:18:45  
 Date of Next Testing: 2027-11-07 14:18:45  
 Product Name: **5-Bromo-4-chloro-3-indolyl phosphate dipotassium salt**  
 CAS Number: 102185-49-9  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: A2211230  
 SKU #: **B165499**  
 Version: **2**  
 Analysis #: **418473**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                  | Limit Values                          | Result                                |
|--------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)                               | 97-100 (%)                            | 100.00000 %                           |
| Water by Karl Fischer                      | 0-20 (%)                              | 12.34700 %                            |
| Carbon by Elemental Analysis(anhydrous)    | 22.9-24.5 (%)                         | 22.94000 %                            |
| Nitrogen by Elemental Analysis (anhydrous) | 3.1-3.7 (%)                           | 3.20000 %                             |
| Appearance (B165499)                       | White to Light Beige powder or chunks | White to Light Beige powder or chunks |
| ICP: Confirms Potassium Component          | Confirmed                             | Confirmed                             |
| Proton NMR spectrum                        | Conforms to structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager