

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-08 01:25:14  
 Date of Next Testing: 2027-03-07 01:25:14  
 Product Name: **5-Bromo-4-chloroindoxyl 1,3-diacetate**  
 CAS Number: 3030-06-6  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: B2328525  
 SKU #: **B124821**  
 Version: **0**  
 Analysis #: **195771**  
 Storage Temperature: Store at 2-8°C

| Parameter                      | Limit Values                                                                              | Result                                                                                    |
|--------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Purity(HPLC)                   | 97-100 (%)                                                                                | 97.60900 %                                                                                |
| Nitrogen by Elemental Analysis | 4-4.3 (%)                                                                                 | 4.18600 %                                                                                 |
| Carbon by Elemental Analysis   | 42.5-44.7 (%)                                                                             | 43.02900 %                                                                                |
| Appearance (B124821)           | White to Yellow to Tan to Orange<br>Powder, Crystals, Crystalline Powder and/or<br>Chunks | White to Yellow to Tan to Orange<br>Powder, Crystals, Crystalline Powder and/or<br>Chunks |
| Proton NMR spectrum            | Conforms to Structure                                                                     | Conforms to Structure                                                                     |



John Su  
QA & QC Manager