

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-09 10:20:51  
 Date of Next Testing: 2026-03-30 10:20:51  
 Product Name: **4-Bromo-2-chloropyridine**  
 CAS Number: 73583-37-6  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: G2203100  
 SKU #: **B102595**  
 Version: **1**  
 Analysis #: **340441**  
 Storage Temperature: Room temperature, Cool

| Parameter                               | Limit Values                                  | Result                                        |
|-----------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 96.5-103.5 (%)                                | 99.70000 %                                    |
| Purity(GC)                              | 97-100 (%)                                    | 98.48100 %                                    |
| Crystallization point                   | 18-22 (°C)                                    | 19.00000 °C                                   |
| Appearance (B102595)                    | Colorless to Yellow to Orange to Brown Liquid | Colorless to Yellow to Orange 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