

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-23 14:46:31  
 Date of Next Testing: 2027-09-23 14:46:31  
 Product Name: **Berberine chloride form**  
 CAS Number: 633-65-8  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: I2518088  
 SKU #: **B139120**  
 Version: **0**  
 Analysis #: **335345**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                                                     | Limit Values            | Result                  |
|---------------------------------------------------------------|-------------------------|-------------------------|
| Purity(HPLC)                                                  |                         | 98.80000 %              |
| Water by Karl Fischer                                         |                         | 11.39230 %              |
| Purity(Titration by $\text{HClO}_4$ )(anhydrous)              |                         | 0.00000 %               |
| Appearance (B139120)                                          | Yellow to Orange Powder | Yellow to Orange Powder |
| Proton NMR spectrum                                           | Conforms to Structure   | Conforms to Structure   |
| Solubility in MeOH , Orange , Clear to Slightly Hazy,50 mg/mL | pass                    | Pass                    |



John Su  
 QA & QC Manager