

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-14 17:15:54

Date of Next Testing: 2025-08-13 17:15:54

Product Name: **Glycyrrhizic acid dipotassium salt, hydrate**

CAS Number: 68797-35-3

Specifications & Purity:  $\geq 75\%$ (HPLC)

Lot #: B2515055

SKU #: **G133556**

Version: **0**

Analysis #: **252553**

Storage Temperature: Room temperature

| Parameter                                                                                               | Limit Values | Result       |
|---------------------------------------------------------------------------------------------------------|--------------|--------------|
| Specific Rotation $[\alpha]_{20/D}(c=1.5 \text{ in H}_2\text{O})(\text{calcd. on anhydrous substance})$ | 47-55 (°)    | 47.35900 °   |
| Purity(HPLC)                                                                                            | 75-100 (%)   | 80.50700 %   |
| Potassium(K)(anhydrous)                                                                                 | 6.5-8.7 (%)  | 6.72000 %    |
| Water by Karl Fischer                                                                                   | 0-10 (%)     | 9.87900 %    |
| Appearance (G133556)                                                                                    | White powder | White powder |
| LC-MS for identification                                                                                | Conforms     | Conforms     |



John Su  
QA & QC Manager