

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-03 11:47:20  
Date of Next Testing: 2025-04-02 11:47:20  
Product Name: **Glycyrrhizic acid potassium salt, hydrate**  
CAS Number: 68797-35-3  
Specifications & Purity:  $\geq 75.0\%$ (HPLC)  
Lot #: D2303277  
SKU #: **G133556**  
Analysis: **204652**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=1.5 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	47-55 (°)	52.11°
Purity(HPLC)	75-100 (%)	82.96600 %
Water by Karl Fischer	0-10 (%)	0.04 %
Potassium(K)(anhydrous)	6.5-8.7 (%)	6.52 %
Appearance (G133556)	White powder	White powder
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager