

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-13 12:24:04  
Date of Next Testing: 2024-12-12 12:24:04  
Product Name: **Glycyrrhizic acid potassium salt, hydrate**  
CAS Number: 68797-35-3  
Specifications & Purity:  $\geq 75.0\%$ (HPLC)  
Lot #: L2208351  
SKU #: **G133556**  
Analysis: **148387**

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 (°)	52.35°
Purity(HPLC)	75-100 (%)	85.23800 %
Potassium(K)(anhydrous)	6.5-8.7 (%)	6.90 %
Water by Karl Fischer	0-10 (%)	6.93 %
Appearance (G133556)	White powder	White powder
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager