

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 potassium salt, hydrate**
CAS Number: 68797-35-3
Specifications & Purity: $\geq 75.0\%$ (HPLC)
Lot #: J2109441
SKU #: **G133556**
Analysis: **252553**

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 (°)	47.36°
Purity(HPLC)	75-100 (%)	80.50700 %
Potassium(K)(anhydrous)	6.5-8.7 (%)	6.72 %
Water by Karl Fischer	0-10 (%)	9.88 %
Appearance (G133556)	White powder	White powder
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager