

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-14 13:48:48
 Date of Next Testing: 2025-07-03 13:48:48
 Product Name: **Glycyrrhizic acid ammonium salt**
 CAS Number: 53956-04-0
 Specifications & Purity: analytical standard
 Lot #: G2307288
 SKU #: **G109354**
 Version: **0**
 Analysis #: **236029**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	96.70300 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH 50% v/v)(anhydrous)	49-54 (°)	50.20400 °
Purity(Titration by HClO ₄)	98-102 (%)	99.85000 %
Appearance (G109354)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager