

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-21 16:37:35
 Date of Next Testing: 2026-07-20 16:37:35
 Product Name: **Trisodium Glycyrrhizinate Hydrate**
 CAS Number: 71277-78-6
 Specifications & Purity: $\geq 80\%$
 Lot #: G2219916
 SKU #: **T161877**
 Version: **1**
 Analysis #: **094343**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	80-100%	82.10000 %
Water	0-15%	7.50000 %
Specific Rotation $[\alpha]_{20/D}(c=1.5 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	62-68 (°)	66.30000 °
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (T161877)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal



John Su
QA & QC Manager