

Certificate of Analysis

Date of Testing: 2022-06-24 13:40:04
Date of Next Testing: 2026-06-23 13:40:04
Product Name: **Geniposide**
CAS Number: 24512-63-8
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: F2221468
SKU #: **G119296**
Analysis: 105275
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.35800 %
Melting point	160-164 ($^{\circ}\text{C}$)	160.86000 $^{\circ}\text{C}$
Water by Karl Fischer	0-3 (%)	0.99 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$	13-16 ($^{\circ}$)	14.85 $^{\circ}$
Appearance (G119296)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility $\geq 5 \text{ mg/mL}$, H ₂ O	pass	Pass



John Su
QA & QC Manager