

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)

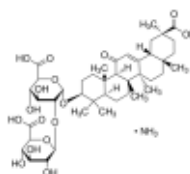
Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Glycyrrhizic acid ammonium salt from glycyrrhiza root (licorice) - ≥70% (HPLC)

**Product Number:** G2137  
**CAS Number:** 53956-04-0  
**MDL:** MFCD00167400  
**Formula:** C<sub>42</sub>H<sub>65</sub>NO<sub>16</sub>  
**Formula Weight:** 839.96 g/mol  
**Storage Temperature:** 2 - 8 °C



### TEST

### Specification

Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Green-Yellow and Yellow to Dark Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/mL, 1 M NH <sub>4</sub> OH	
EMM	10.3 - 10.9
in H <sub>2</sub> O	
Lambda Max	256 - 257 nm
Purity (HPLC)	≥ 70 %
<sup>1</sup> H NMR Spectrum	Conforms to Structure

Specification: PRD.1.ZQ5.10000037185

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.