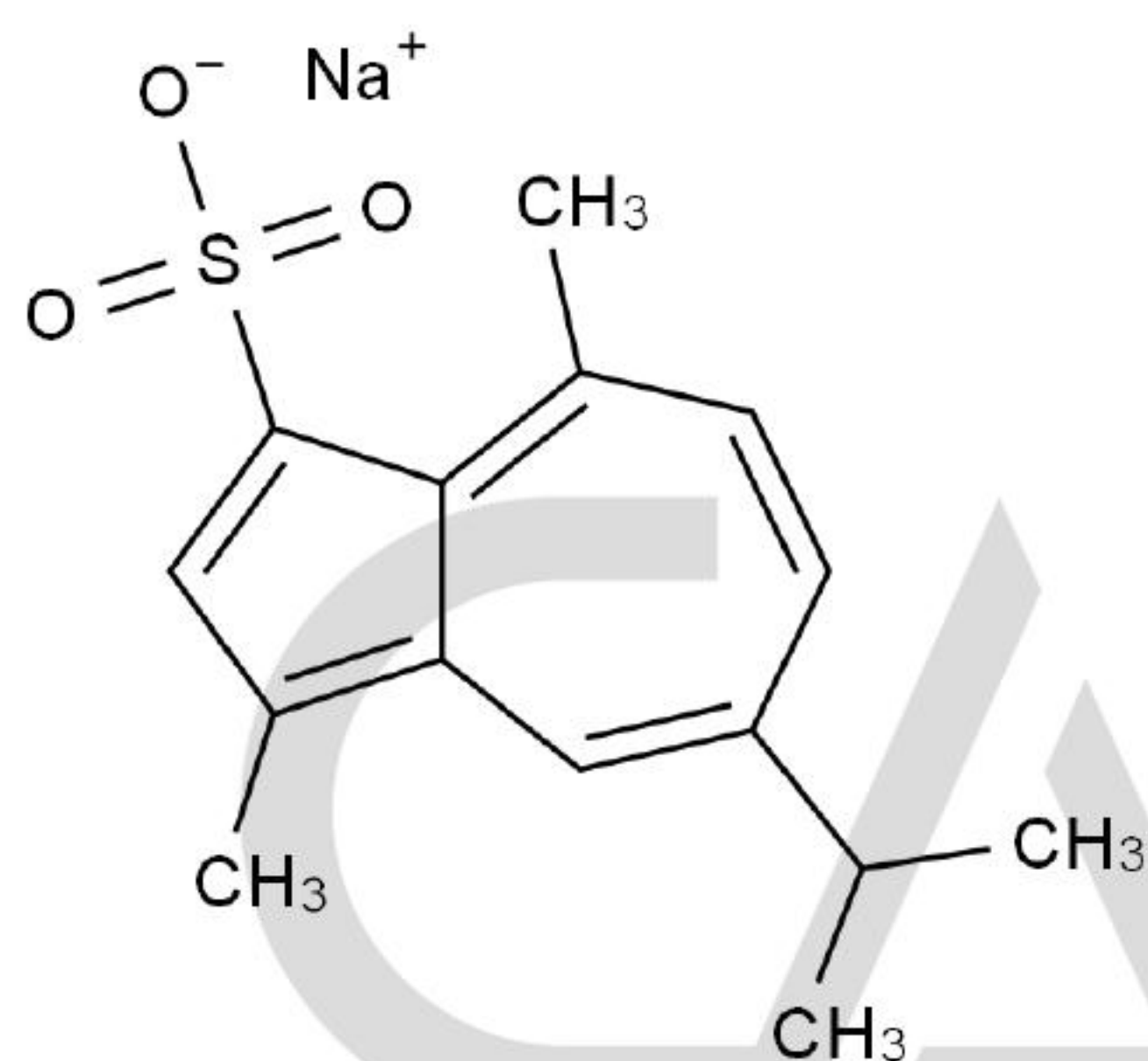


Certificate of Analysis

Reference Material & Standard

Product Name:	Sodium Gualenate	Catalogue Number:	CCHM700434
Synonyms:	N/A	Lot Number:	0917-RG-0072
CAS Number:	6223-35-4	Expiry Date:	Sep 16, 2029
Molecular Formula:	C ₁₅ H ₁₇ O ₃ S Na	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	277.36 22.99		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Blue Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	3.7039%
Assay		96.3%
Uncertainty		±0.4%

Comment:

- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$$

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.
- The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 17, 2025

Date: Sep 18, 2025

Date: Sep 18, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

