

Certificate of Analysis

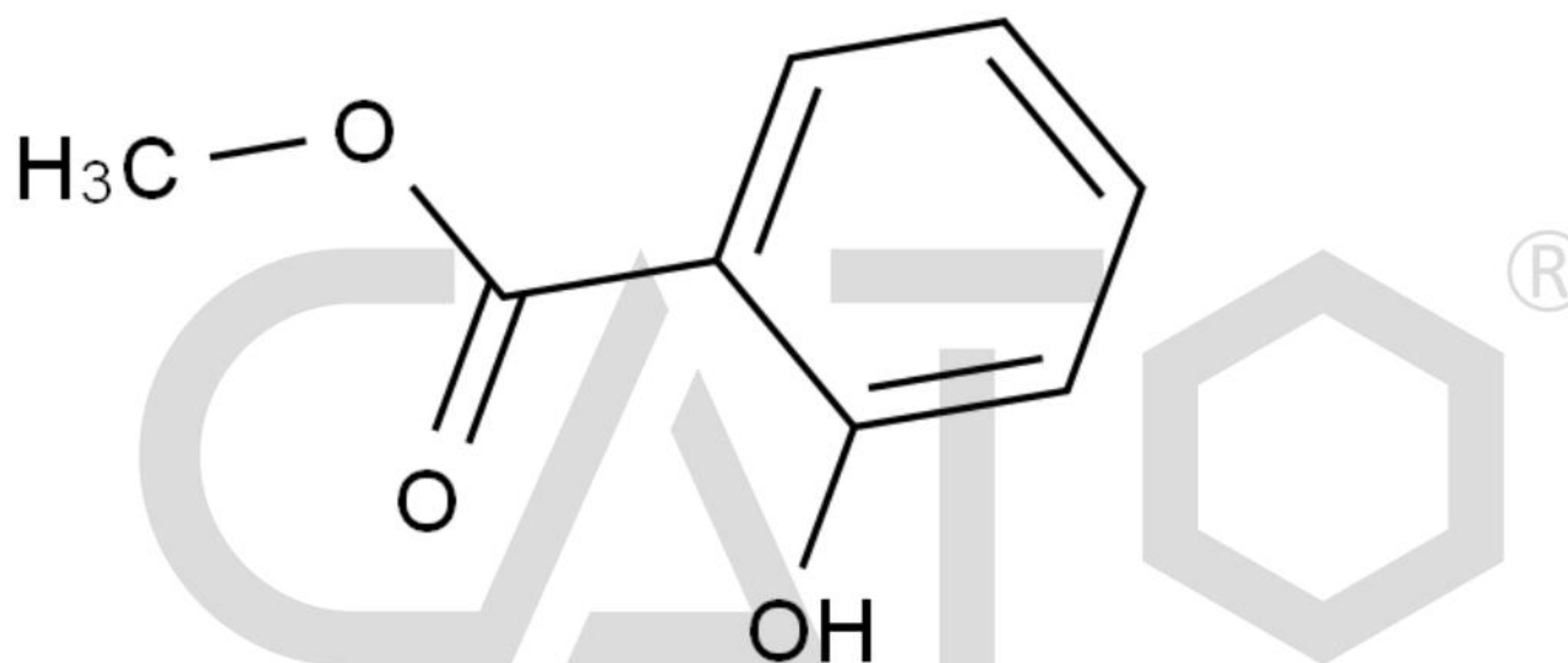
Reference Material & Standard

Product Name:	Methyl Salicylate	Catalogue Number:	CCHM700106
Synonyms:	N/A	Lot Number:	0908-RG-0180
CAS Number:	119-36-8	Expiry Date:	Sep 10, 2029
Molecular Formula:	C ₈ H ₈ O ₃	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	152.15	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.0608%
Residue on Ignition	TGA	0.5525%
Assay		99.4%
Uncertainty		±0.1%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residue on Ignition}) * \text{Purity GC (\%)} / 100\%$$

Water Content and Residue on Ignition are considered as absolute effect, GC 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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 11, 2026

Date: Feb 12, 2026

Date: Feb 12, 2026

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>

