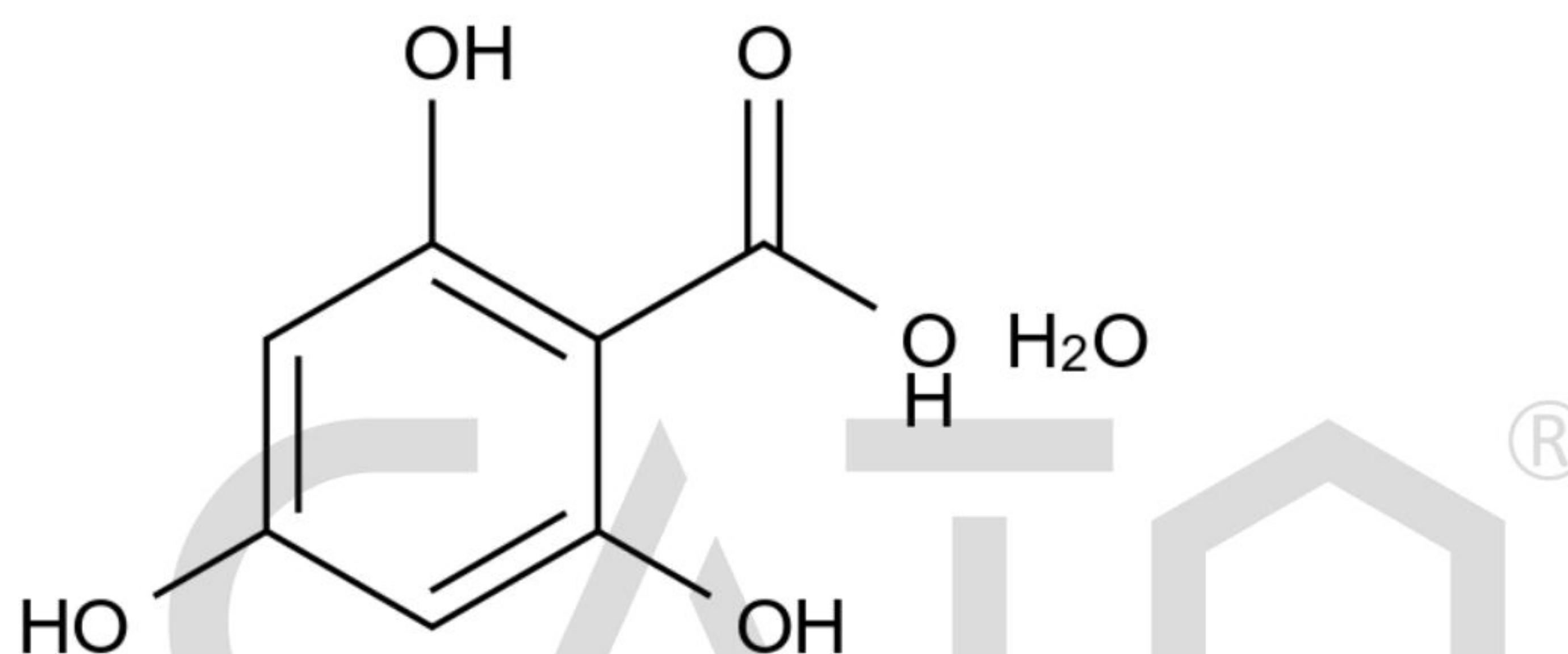


Certificate of Analysis

Reference Material

Product Name:	2,4,6-Trihydroxybenzoic Acid Monohydrate	Catalogue Number:	CCHM704572
Chemical Name:	N/A	Lot Number:	0620-RE-0014
CAS Number:	71989-93-0	Expiry Date:	Jun 26, 2027
Molecular Formula:	C ₇ H ₆ O ₅ H ₂ O	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	170.12 18.02		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.594%
Loss On Drying	TGA	9.5863%
Loss On Drying(Free Water)		0.0083%
Assay		97.6%
Uncertainty		±2.0%

Comment:

- The content of crystal water is 9.5780%.
- The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying(Free Water)}) * \text{Purity HPLC (\%)} / 100\%$$
 Loss On Drying(Free Water) 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:

Hin Lam

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Jun 27, 2023

Date: Jun 28, 2023

Date: Jun 28, 2023

