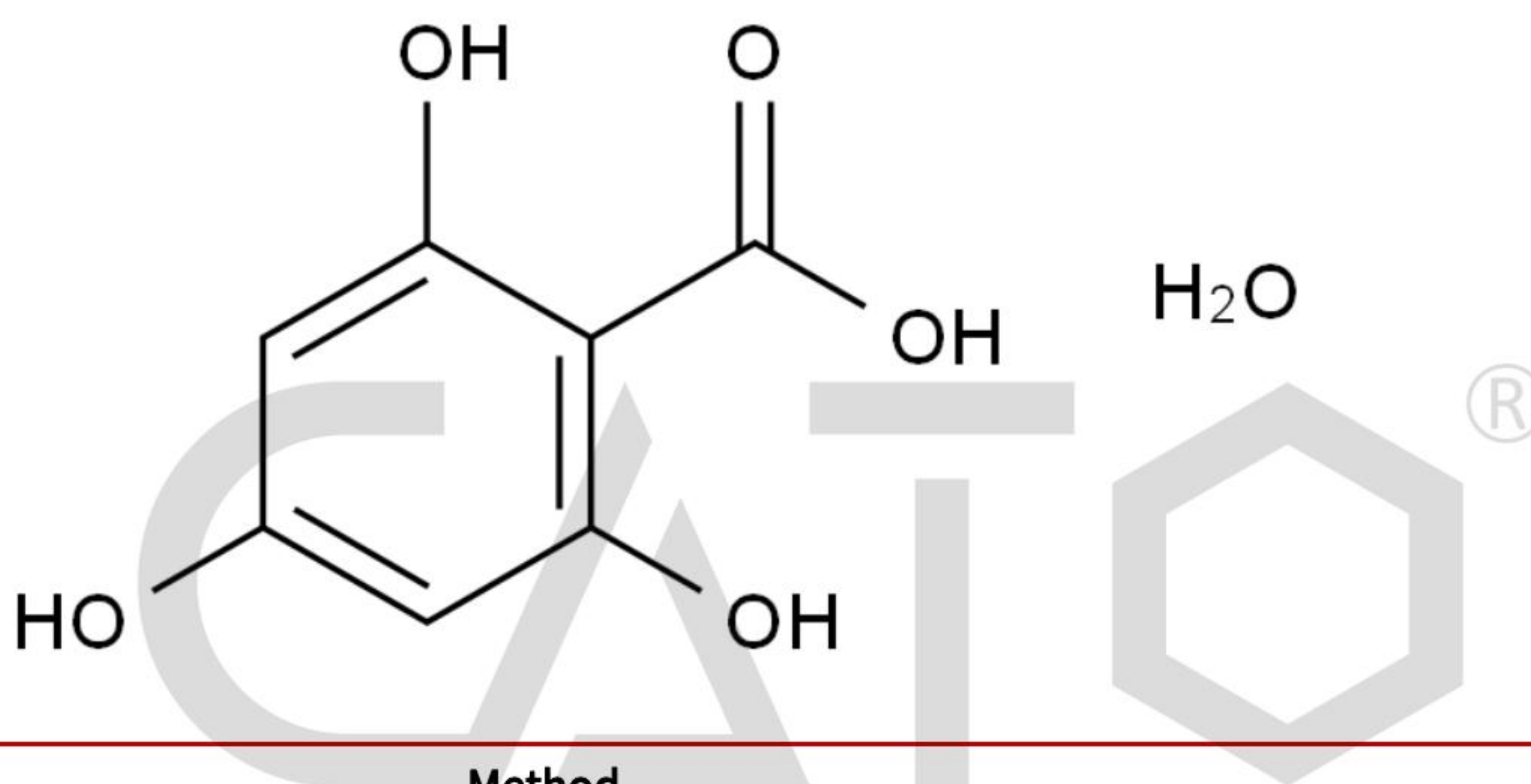


Certificate of Analysis

Reference Material & Standard

Product Name:	2,4,6-Trihydroxybenzoic Acid Monohydrate	Catalogue Number:	C3D-5584
Synonyms:	N/A	Lot Number:	0618-RG-0048
CAS Number:	71989-93-0	Expiry Date:	Jun 19, 2028
Molecular Formula:	C7H6O5 H2O	Storage:	2°C ~ 8°C 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	96.642%
Loss On Drying	TGA	9.7863%
Loss On Drying(Free Water)		0.2083%
Assay		96.4%

Comment:

1. The content of crystal water is 9.5780%.
2. 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.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 20, 2025

Date: Jun 20, 2025

Date: Jun 20, 2025

