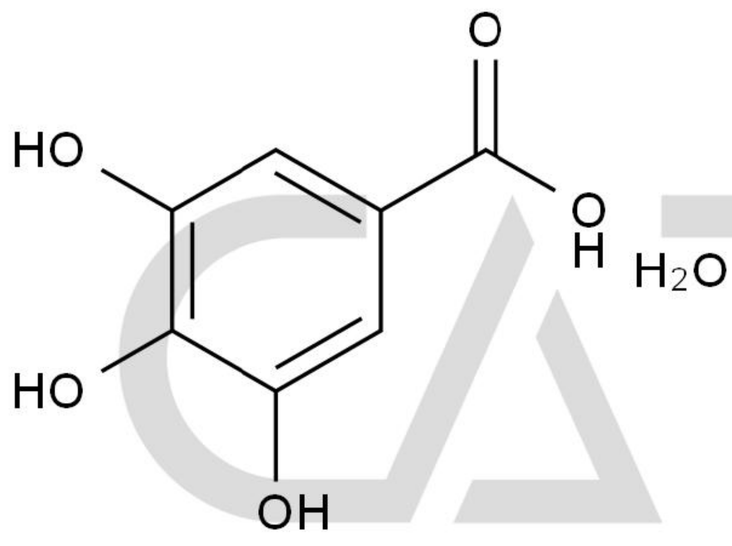
Certificate of Analysis

Reference Material & Standard

Product Name:	3,4,5-Trihydroxybenzoic Acid Hydrate	**Catalogue Number:**	CCFD200792
Synonyms:	N/A	**Lot Number:**	1028-RF-0092
CAS Number:	5995-86-8	**Expiry Date:**	Oct 24, 2028
Molecular Formula:	$C_7H_6O_5$ H_2O	**Storage:**	Room Temp Protected from light and Sealed
Molecular Weight:	170.12 18.02	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	98.8%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative 1H-NMR.

2. 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 Date: Oct 28, 2024

Reviewed by: Hinlam Date: Oct 28, 2024

Approved by General Manager: David Date: Oct 28, 2024

CATO Research Chemicals Inc.