

Certificate of Analysis

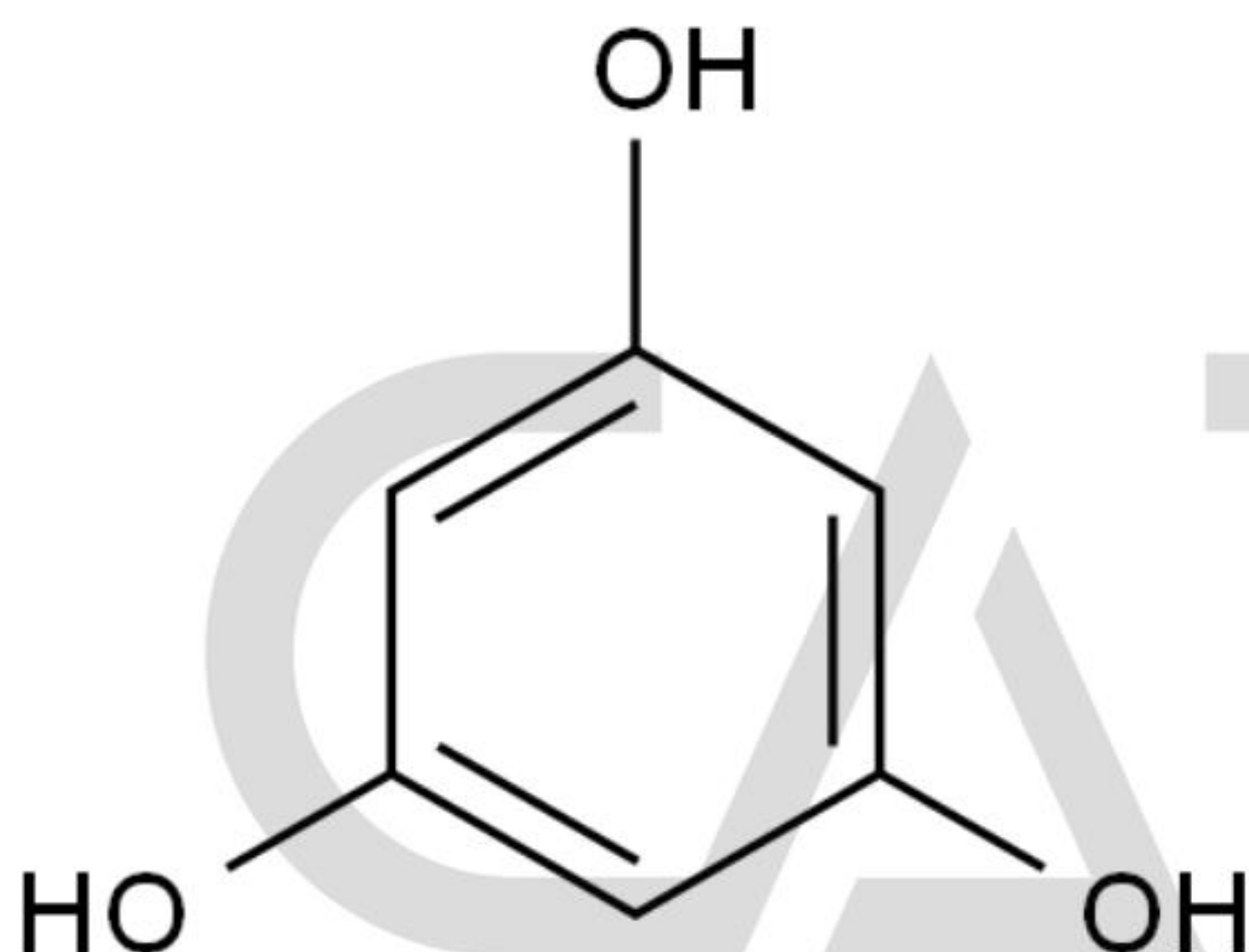
Reference Material & Standard

Product Name:	Phloroglucinol Anhydrous	Catalogue Number:	CCHM701173
Synonyms:	N/A	Lot Number:	0331-RH-0126
CAS Number:	108-73-6	Expiry Date:	Mar 30, 2030
Molecular Formula:	C ₆ H ₆ O ₃	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	126.11	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	13.5077%
Assay		86.5%
Uncertainty		±1.5%

Comment:

1. 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.

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:

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Approved by General Manager:

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Date: Mar 31, 2026

Date: Apr 01, 2026

Date: Apr 01, 2026



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