

Certificate of Analysis

Reference Material & Standard

Product Name:	2-Butyne-1,4-diol	Catalogue Number:	C3D-4378
Synonyms:	N/A	Lot Number:	0604-RH-0059
CAS Number:	110-65-6	Expiry Date:	Jun 03, 2030
Molecular Formula:	C ₄ H ₆ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	86.09	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.3938%
Assay		99.6%

Comment:

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

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Jun 04, 2026

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