

Certificate of Analysis

Reference Material & Standard

Product Name:	Terephthaloyl Chloride	Catalogue Number:	C1000005
Synonyms:	N/A	Lot Number:	0715-RH-0025
CAS Number:	100-20-9	Expiry Date:	Jul 16, 2030
Molecular Formula:	C ₈ H ₄ Cl ₂ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	203.02	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	96.1%
Uncertainty		±0.8%

Comment:

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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 17, 2026

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