

Certificate of Analysis

Reference Material & Standard

Product Name:	2,4,5,6-Tetrachlorophenol-13C6	Catalogue Number:	CCEM501626
Synonyms:	N/A	Lot Number:	0112-RH-0152
CAS Number:	1246820-81-4	Expiry Date:	Dec 15, 2030
Molecular Formula:	[13C] ₆ H ₂ Cl ₄ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	237.85	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.7%
Isotopic Purity		99.0%
Uncertainty		±0.1%

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:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jan 21, 2026

Date: Jan 22, 2026

Date: Jan 22, 2026



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