

# Certificate of Analysis

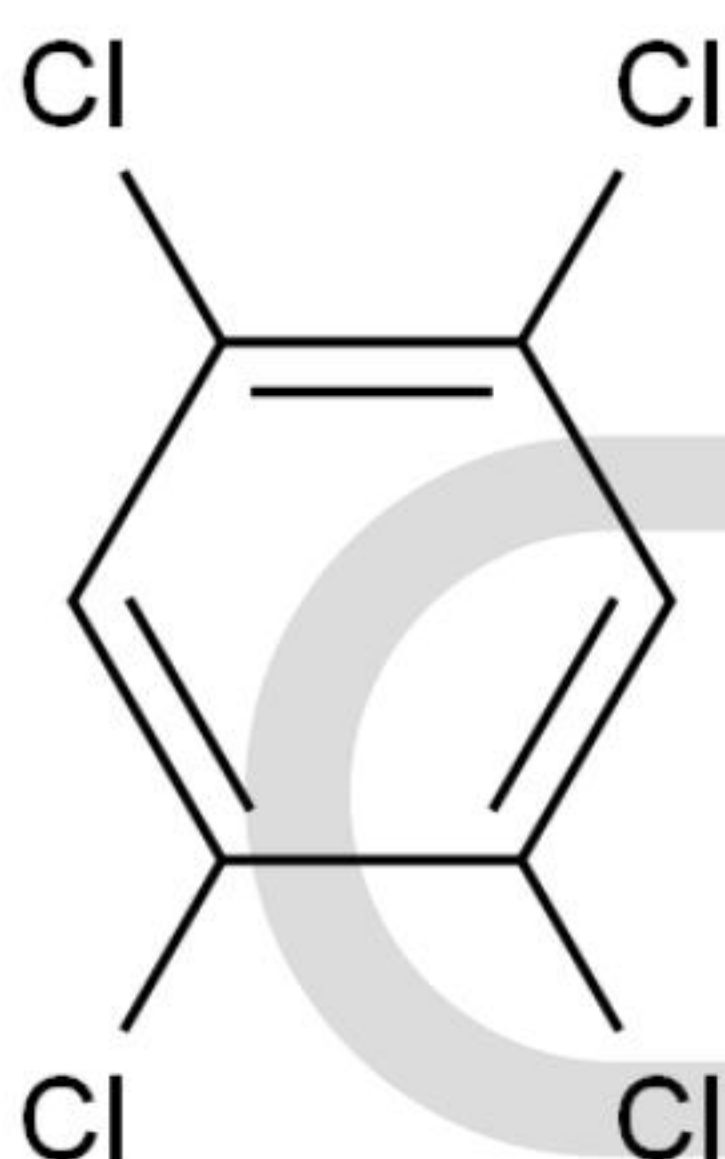
## Reference Material & Standard

|                    |                                               |                     |                                           |
|--------------------|-----------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | 1,2,4,5-Tetrachlorobenzene                    | Catalogue Number:   | CCEM500022                                |
| Synonyms:          | N/A                                           | Lot Number:         | 1216-RG-0027                              |
| CAS Number:        | 95-94-3                                       | Expiry Date:        | Dec 15, 2031                              |
| Molecular Formula: | C <sub>6</sub> H <sub>2</sub> Cl <sub>4</sub> | Storage:            | Room Temp Protected from light and Sealed |
| Molecular Weight:  | 215.89                                        | Shipping Condition: | Shipping at Room Temperature              |

Warning:



Chemical Structure:



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Yellow Solid |
| Identification | GCMS&HNMR         | Confirmed          |
| Purity         | GC                | 99.6%              |
| Assay          | qNMR              | 96.8%              |
| Uncertainty    |                   | ±0.7%              |

## 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:

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Approved by General Manager:

*David*

Date: Dec 16, 2025

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