# Certificate of Analysis

## Reference Material & Standard

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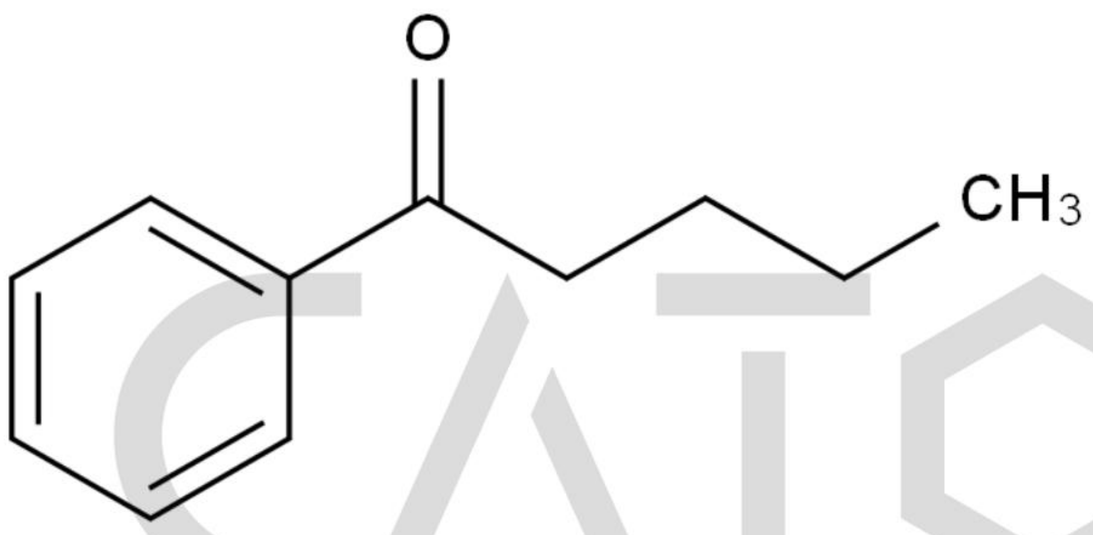
|---|---|---|---|
| **Product Name:** | Valerophenone | **Catalogue Number:** | C3D-5049 |
| **Synonyms:** | N/A | **Lot Number:** | 1029-RH-0109 |
| **CAS Number:** | 1009-14-9 | **Expiry Date:** | Nov 02, 2030 |
| **Molecular Formula:** | $C_{11}H_{14}O$ | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 162.23 | **Shipping Condition:** | Shipping at Room Temperature |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Colourless Liquid |
| **Identification** | GCMS&HNMR | Confirmed |
| **Purity** | GC | 100.0% |
| **Assay** | qNMR | 98.9% |

CATO Research Chemicals Inc.

**Signature:**

Prepared by: Alice Date: Nov 03, 2026

Reviewed by: Koi Date: Nov 04, 2026

Approved by General Manager: David Date: Nov 04, 2026

CATO Research Chemicals Inc.