# Certificate of Analysis



## Pyrimethamine

**Cat. No.:** HY-18062

**CAS No.:** 58-14-0

**Batch No.:** 61625

**Chemical Name:** 2,4-Pyrimidinediamine, 5-(4-chlorophenyl)-6-ethyl-

### PHYSICAL AND CHEMICAL PROPERTIES

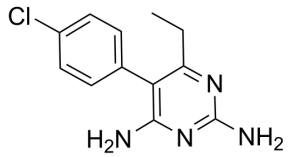
**Molecular Formula:** $C_{12}H_{13}ClN_4$

**Molecular Weight:** 248.71

**Storage:**

| | | |
|---|---|---|
| Powder | -20°C | 3 years |
| | 4°C | 2 years |
| In solvent | -80°C | 6 months |
| | -20°C | 1 month |

**Chemical Structure:**




### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | White to off-white (Solid) |
| **LCMS:** | Consistent with structure |
| **Purity (LCMS):** | 99.94% |
| **Loss On Drying:** | 0.10% |
| **ASH:** | 0.05% |
| **Conclusion:** | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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