

## Certificate of Analysis

### Compound Information

**Product Name:** 3-Methylxanthine

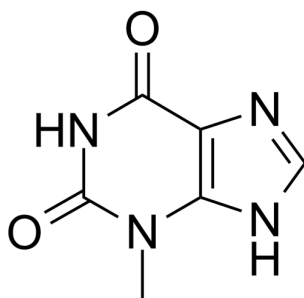
**Cat. No.:** 1016147

**CAS No.:** 1076-22-8

**Molecular Formula:** C<sub>6</sub>H<sub>6</sub>N<sub>4</sub>O<sub>2</sub>

**Molecular Weight:** 166.14

**Chemical Structure:**



### Batch Information

**Batch No.:** Ld052503341

**Storage:** Storage temp. 2-8°C

**Mfg. Date:** 2020-05-25

**Retest Date:** 2023-05-24

**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to khaki (Solid)

**<sup>1</sup>H NMR Spectrum:** Consistent with structure

**MS:** Consistent with structure

**Purity (HPLC):** 99.26%

**Water(KF):** 0.12%

**Conclusion:** The product has been tested and complies with the given specifications.

**Caution:** Research use only and are not intended for human use.

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