

Certificate of Analysis

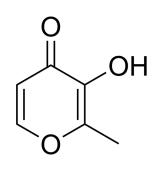
Maltol

| Cat. No.: | HY-W012788 |
|----------------|------------------------------------|
| CAS No.: | 118-71-8 |
| Batch No.: | 281530 |
| Chemical Name: | 4H-Pyran-4-one,3-hydroxy-2-methyl- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_6H_6O_3$ | | |
|--------------------|-------------|-------|----------|
| Molecular Weight: | 126.11 | | |
| 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) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| Water(KF): | 0.19% |
| 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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