## **Certificate of Analysis**

## **Paraxanthine**

 Cat. No.:
 HY-W016498

 CAS No.:
 611-59-6

 Batch No.:
 244603

Chemical Name: 1H-Purine-2,6-dione,3,7-dihydro-1,7-dimethyl-

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:molecular Formula: C7H8N4O2} \mbox{Molecular Weight: } \mbox{C}_7\mbox{H}_8\mbox{N}_4\mbox{O}_2$ 

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)

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

LCMS: Consistent with structure

Purity (LCMS): 99.97%

**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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