## **Certificate of Analysis**

## 1,3-Dibromo-5,5-dimethylhydantoin

 Cat. No.:
 HY-Y0786

 CAS No.:
 77-48-5

 Batch No.:
 248210

Chemical Name: 2,4-Imidazolidinedione, 1,3-dibromo-5,5-dimethyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_5H_6Br_2N_2O_2$  Molecular Weight: 285.92

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 light yellow (Solid)

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

Purity (NMR): ≥98.0%

Residue on Ignition: 0.14%

**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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