

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001015-01)

**Release Date:** 21/05/2024

**Re-test Date:** 20/05/2027

## **Dibromodimethyl Hydantoin (DBDMH)**

### **Identification**

**Chemical Name :**

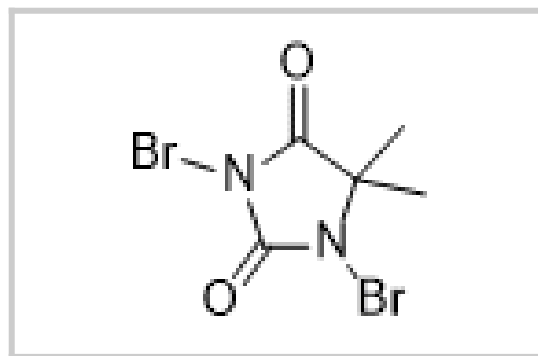
1,3-dibromo-5,5-dimethylimidazolidine-2,4-dione

**CAT No.** : KMM001015

**CAS No.** : 77-48-5

**Molecular Formula** : C<sub>5</sub>H<sub>6</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** : 285.92



### **Analytical Information**

**Batch No.** : DB-HYD-073-210

**Description** : Light Yellow Solid

**Assay By Titration** : 99.14 %

**Weight Loss By TGA** : 0.21 %

**% Potency** : 98.93 %

**Solubility** : Methanol

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be shipped at room temperature

**% Potency** = [100 - 0.21(Weight Loss By TGA)] x [99.14(Assay By Titration)]/100 = 98.93 %

- All test and result taken from vendor COA

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/05/2024

**Attachments** : COA, MASS, <sup>1</sup>HNMR, IR and LOD