

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001015-01)

Release Date: 21/05/2024

Re-test Date: 20/05/2027

Dibromodimethyl Hydantoin (DBDMH)

Identification

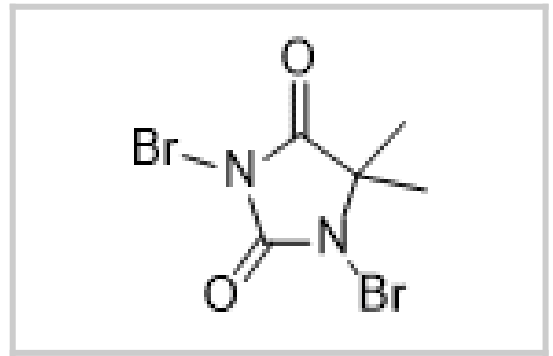
Chemical Name :
1,3-dibromo-5,5-dimethylimidazolidine-2,4-dione

CAT No. : KMM001015

CAS No. : 77-48-5

Molecular Formula : C₅H₆Br₂N₂O₂

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

¹H 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, ¹HNMR, IR and LOD