

Certificate of Analysis

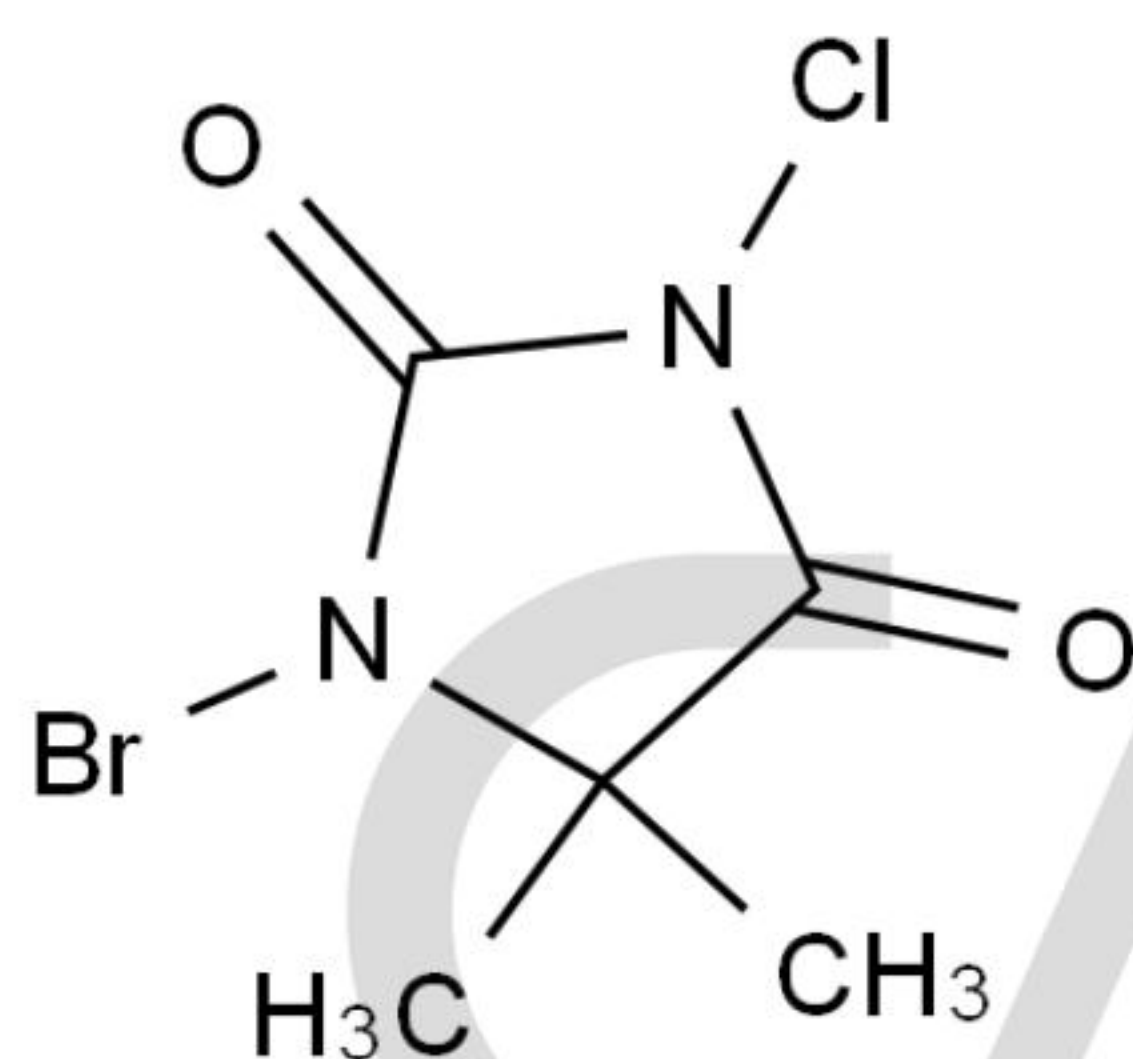
Reference Material & Standard

Product Name:	1-Bromo-3-chloro-5,5-dimethylimidazolidine-2,4-dione	Catalogue Number:	CCHM704965
Synonyms:	N/A	Lot Number:	0624-RF-0001
CAS Number:	16079-88-2	Expiry Date:	Jul 03, 2027
Molecular Formula:	C ₅ H ₆ BrClN ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	241.47	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HNMR	Confirmed
Purity	HPLC	99.4%
Assay	qNMR	96.0%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 04, 2024

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