

Certificate of Analysis

Reference Material & Standard

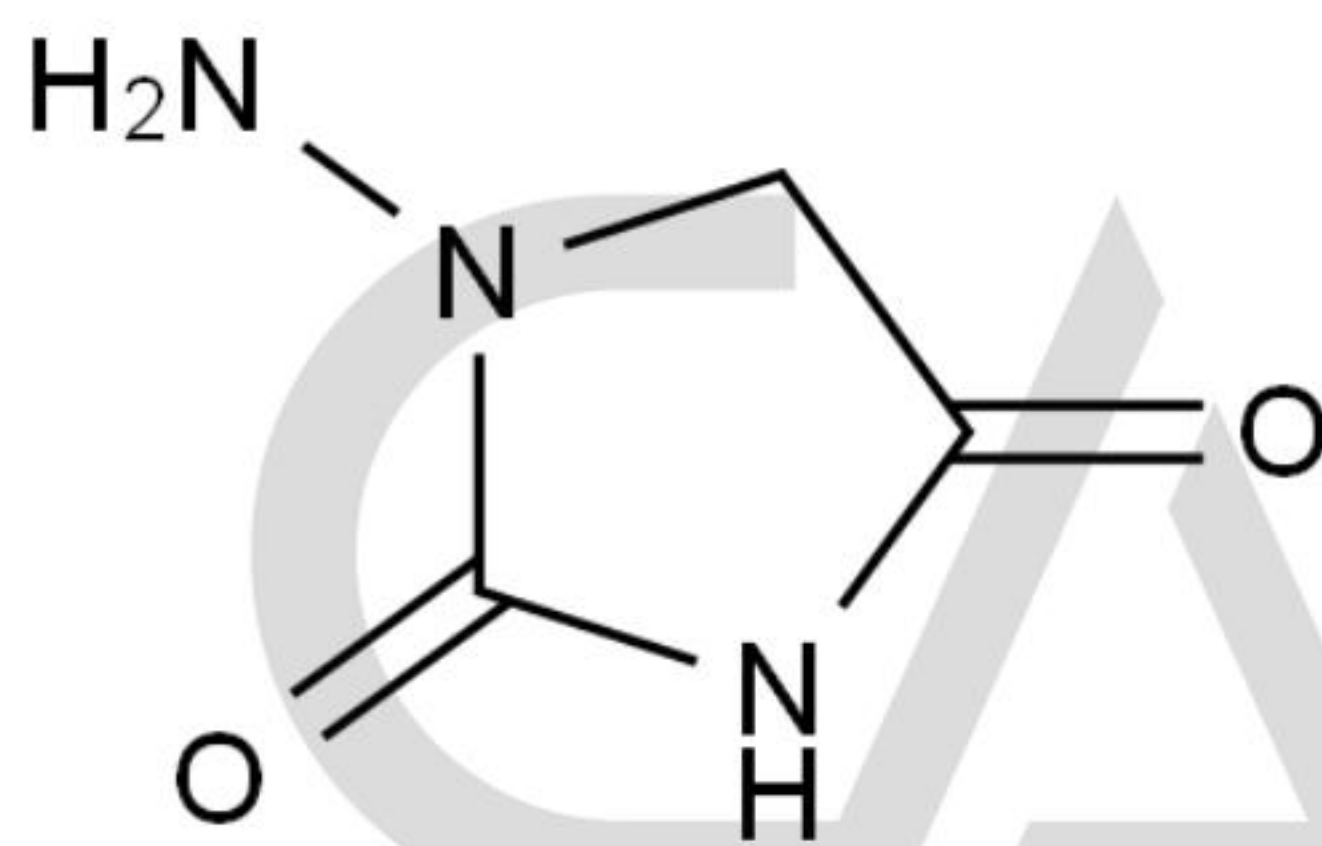
Product Name:	1-Aminohydantoin Hydrochloride	Catalogue Number:	CCAD300019
Synonyms:	N/A	Lot Number:	0613-RG-0098
CAS Number:	2827-56-7	Expiry Date:	Jun 19, 2029
Molecular Formula:	C ₃ H ₅ N ₃ O ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	115.09 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



HCl

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	97.3%
Uncertainty		±0.5%

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: Jun 20, 2025

Date: Jun 20, 2025

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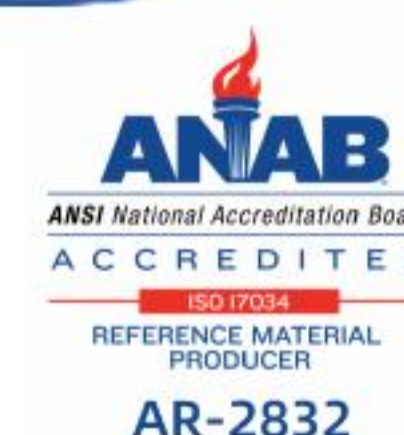
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