

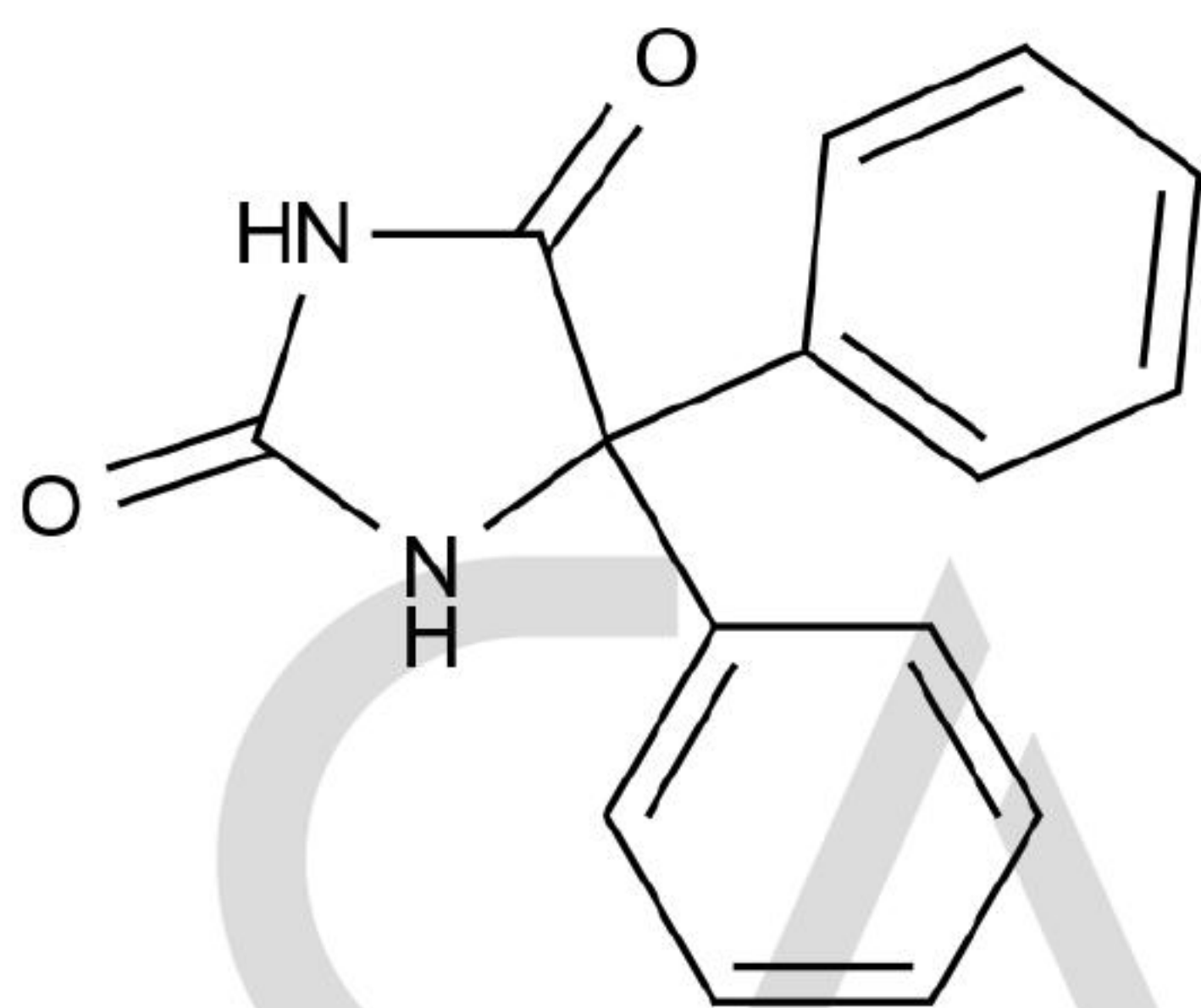
Certificate of Analysis

Reference Material & Standard

Product Name:	Phenytoin	Catalogue Number:	C4X-1864
Synonyms:	N/A	Lot Number:	0623-RG-0048
CAS Number:	57-41-0	Expiry Date:	Jun 22, 2028
Molecular Formula:	C ₁₅ H ₁₂ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	252.27	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.0080%
Loss On Drying	TGA	0.0108%
Assay		100.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 23, 2025

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