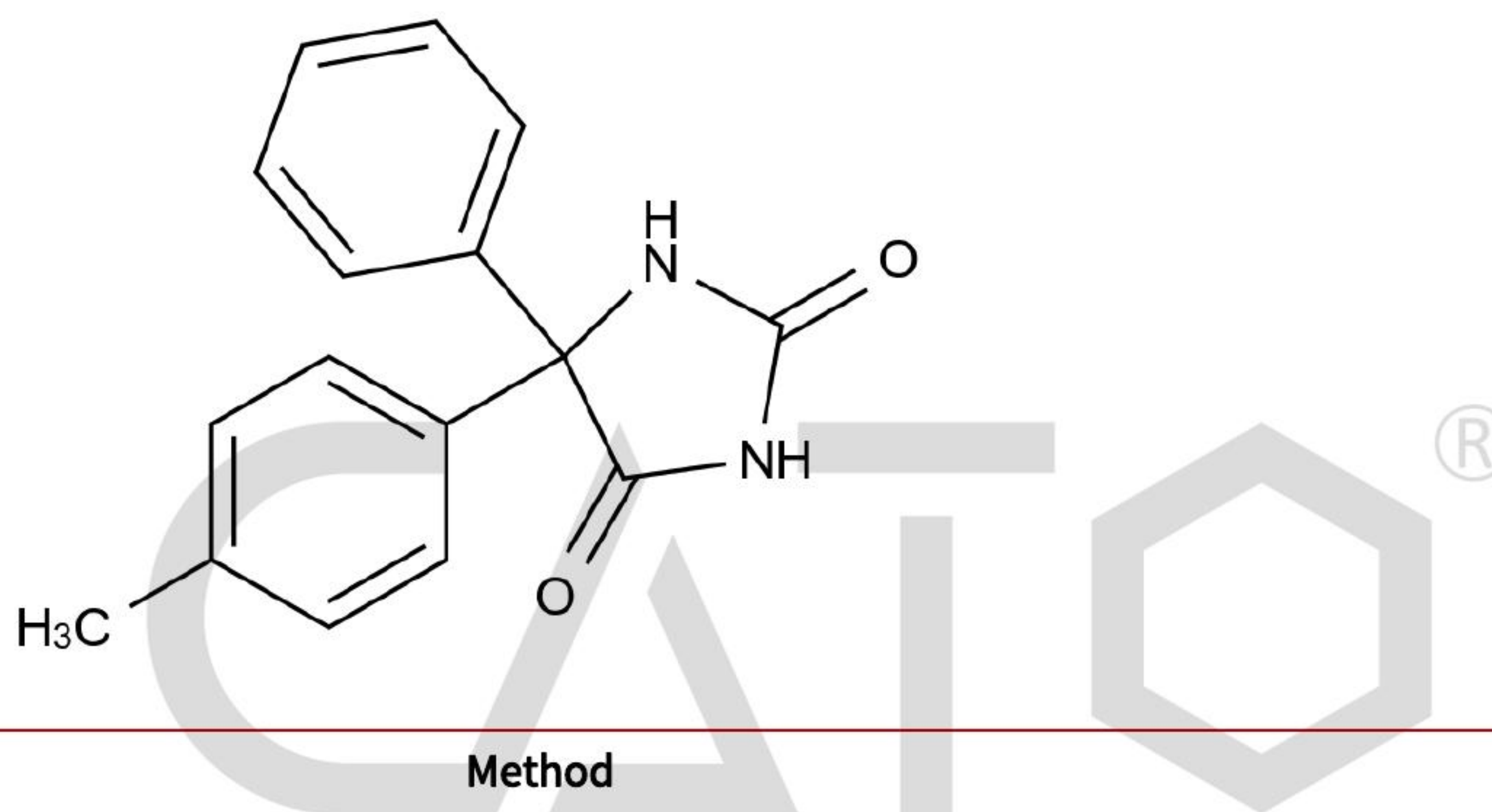


Certificate of Analysis

Reference Material & Standard

Product Name:	Phenytoin EP Impurity F	Catalogue Number:	C4X-186414
Synonyms:	N/A	Lot Number:	0322-RF-0028
CAS Number:	51169-17-6	Expiry Date:	Mar 25, 2027
Molecular Formula:	C ₁₆ H ₁₄ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	266.29		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.266%
Loss On Drying	TGA	0.0666%
Assay		98.2%

Comment:

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

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

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 26, 2024

Date: Mar 26, 2024

Date: Mar 26, 2024

