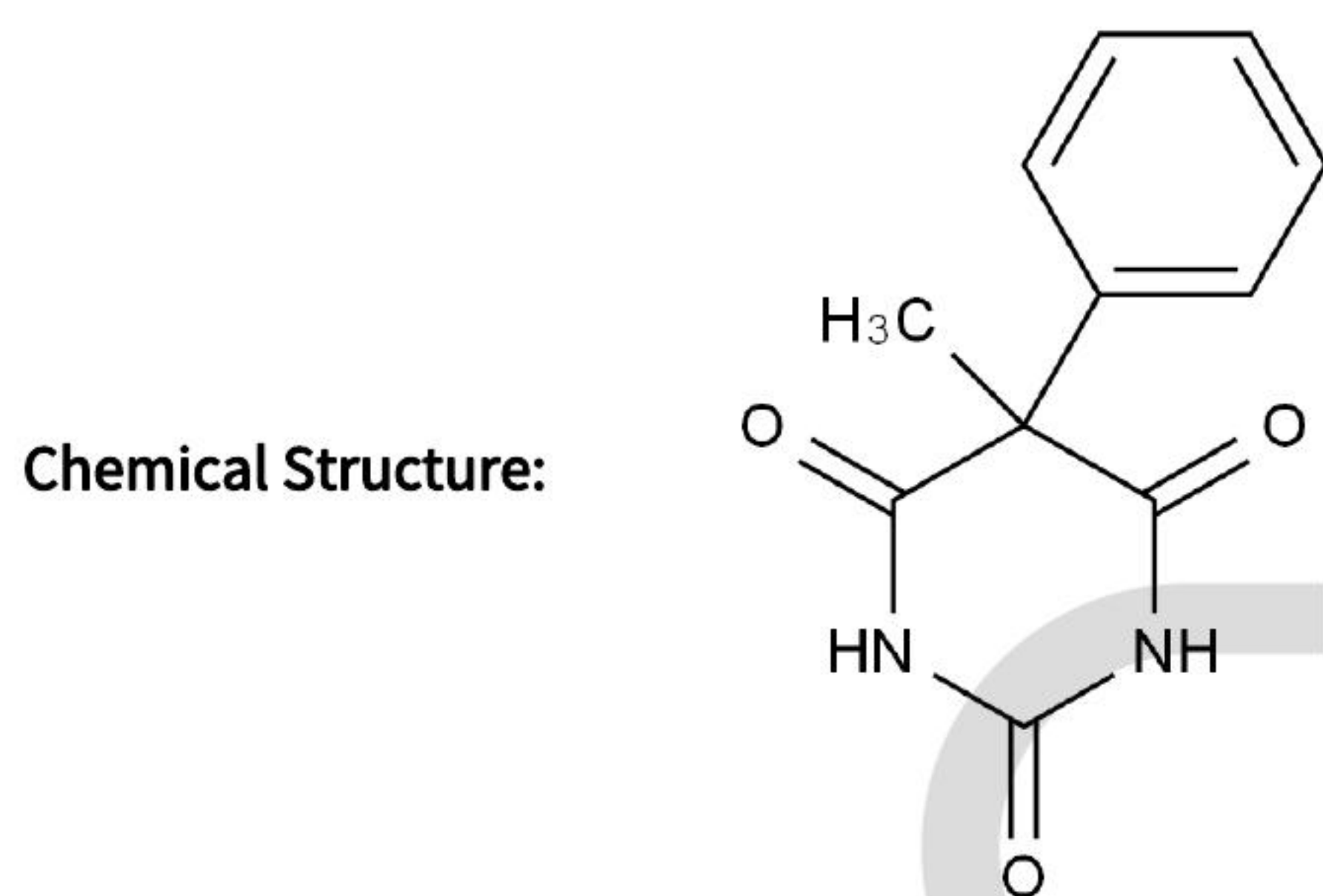


Certificate of Analysis

Reference Material & Standard

Product Name:	Phenobarbital EP Impurity C	Catalogue Number:	C4X-19422
Synonyms:	N/A	Lot Number:	0124-RG-0031
CAS Number:	76-94-8	Expiry Date:	May 06, 2028
Molecular Formula:	C ₁₁ H ₁₀ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	218.21		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.865%
Loss On Drying	TGA	0.3790%
Assay		98.5%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 07, 2025

Date: May 08, 2025

Date: May 08, 2025

