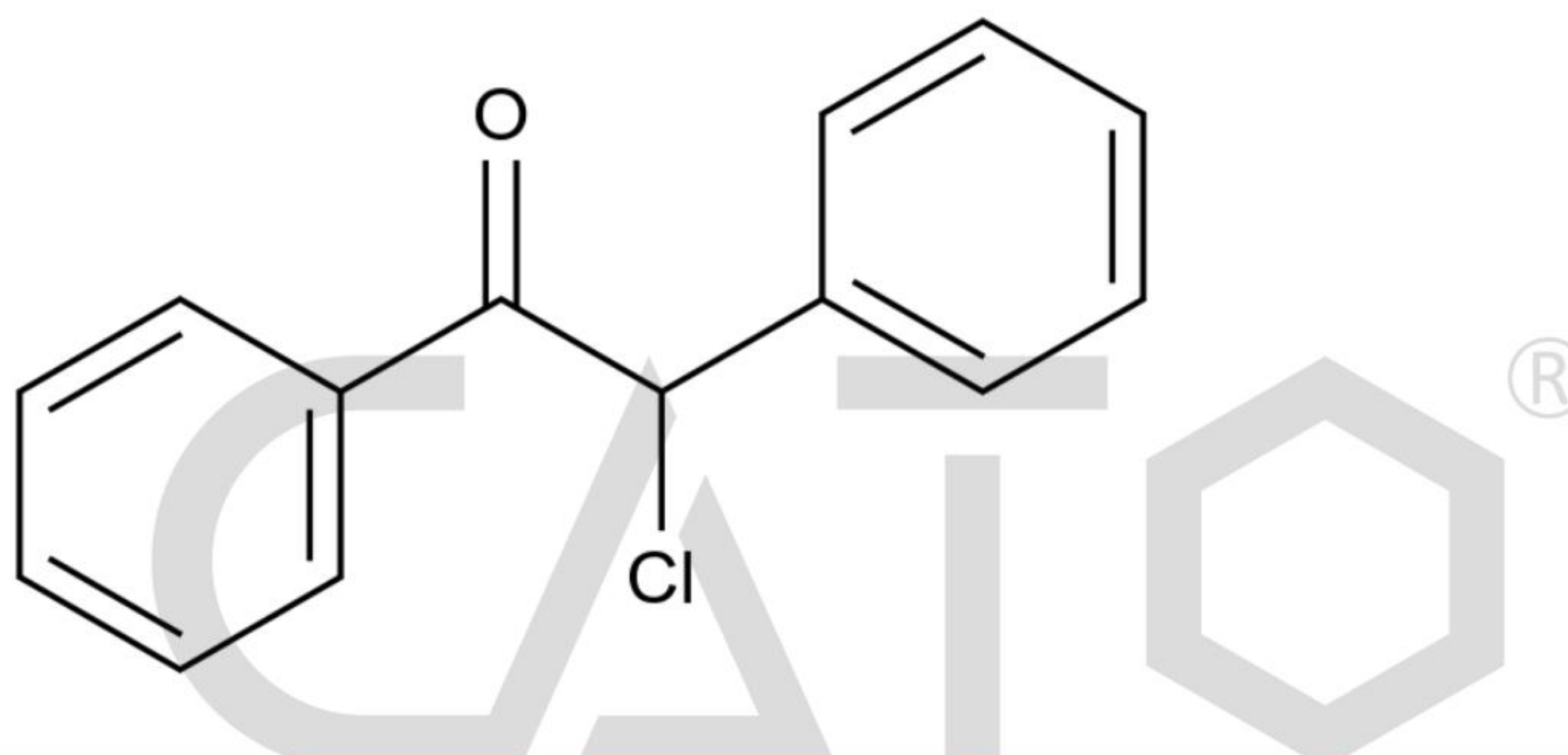


Certificate of Analysis

Reference Material & Standard

Product Name:	Phenytoin Impurity 11	Catalogue Number:	C4X-186411
Synonyms:	N/A	Lot Number:	0927-RH-0026
CAS Number:	447-31-4	Expiry Date:	Sep 29, 2030
Molecular Formula:	C ₁₄ H ₁₁ ClO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	230.69	Shipping Condition:	Shipping at Room Temperature
Solubility:	Dichloromethane		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.0877%
Assay	Mass Balance	99.9%

Comment:

The calculation of the mass balance 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: Sep 30, 2026

Date: Sep 30, 2026

Date: Sep 30, 2026



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