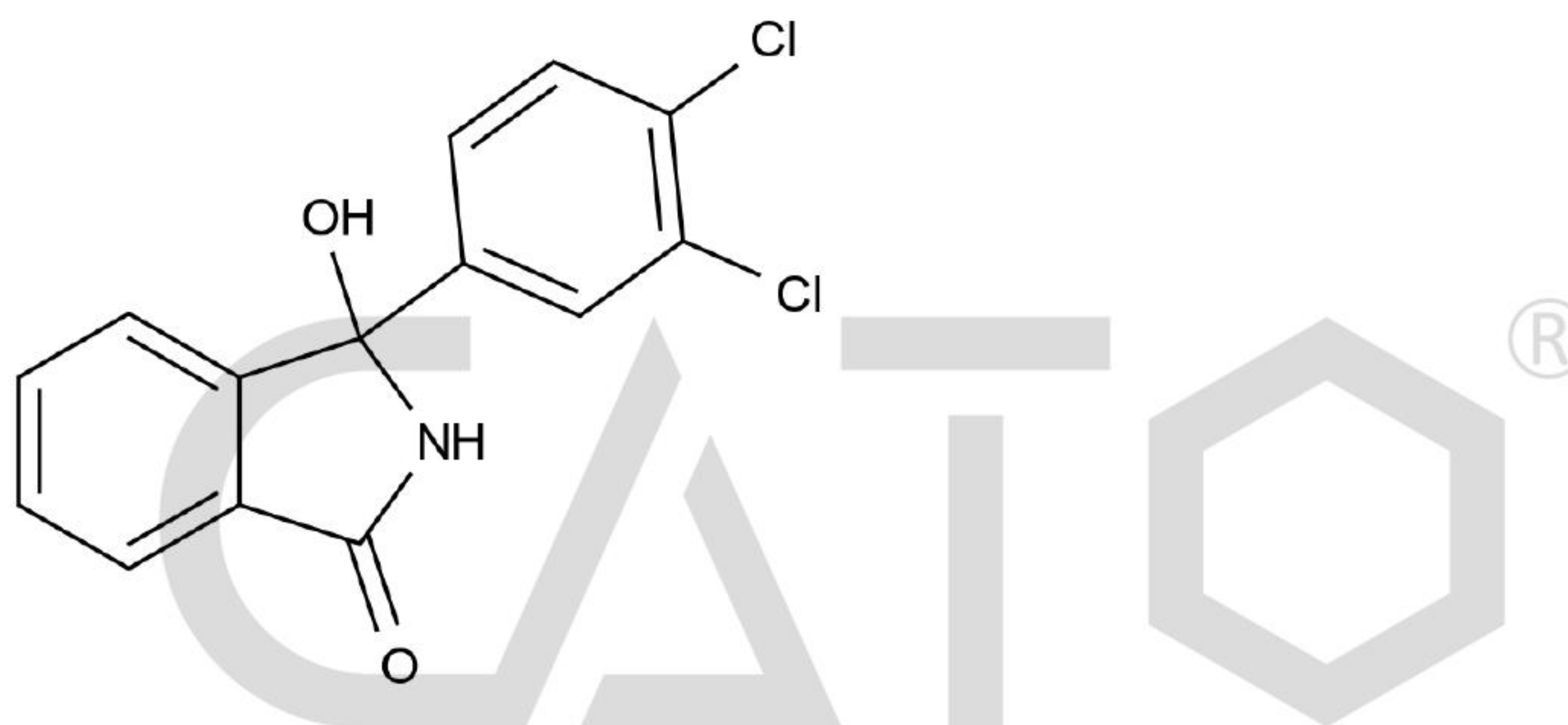


Certificate of Analysis

Reference Material & Standard

Product Name:	Chlorthalidone EP Impurity G	Catalogue Number:	C4X-158511
Synonyms:	N/A	Lot Number:	0209-RH-0005
CAS Number:	16289-13-7	Expiry Date:	Feb 09, 2033
Molecular Formula:	C ₁₄ H ₉ Cl ₂ NO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	294.13	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.83%
Loss On Drying	TGA	3.6643%
Assay		96.2%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Feb 10, 2026

Date: Feb 10, 2026

Date: Feb 10, 2026



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