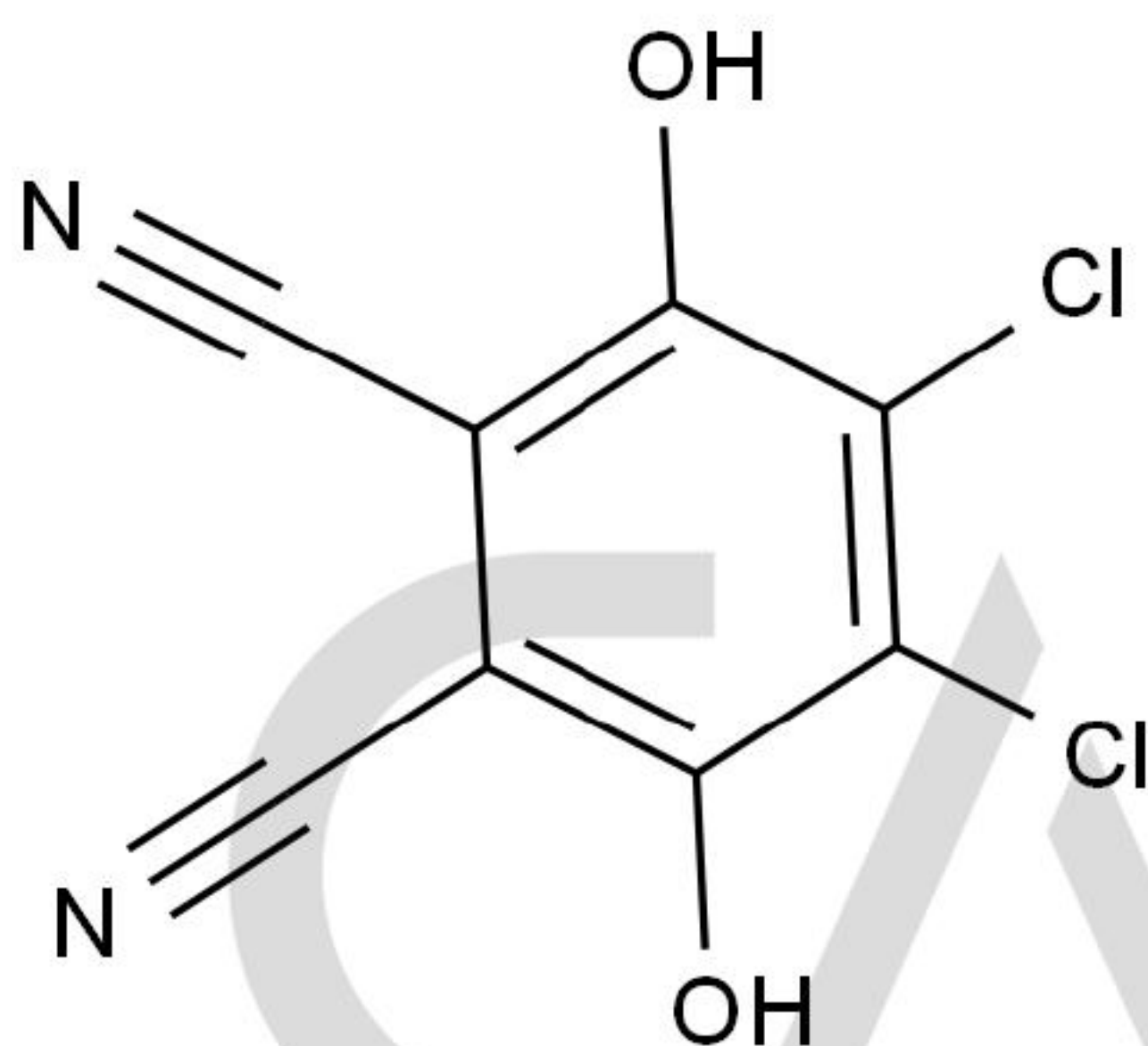


Certificate of Analysis

Reference Material & Standard

Product Name:	Dutasteride Impurity 21	Catalogue Number:	C4X-110321
Synonyms:	N/A	Lot Number:	1101-RE-0038
CAS Number:	4640-41-9	Expiry Date:	Nov 23, 2029
Molecular Formula:	C ₈ H ₂ Cl ₂ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	229.02	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.2673%
Loss On Drying	TGA	0.0330%
Assay		99.7%

Comment:

The calculation of the mass balance 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 24, 2025

Date: Nov 25, 2025

Date: Nov 25, 2025



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