

Certificate of Analysis

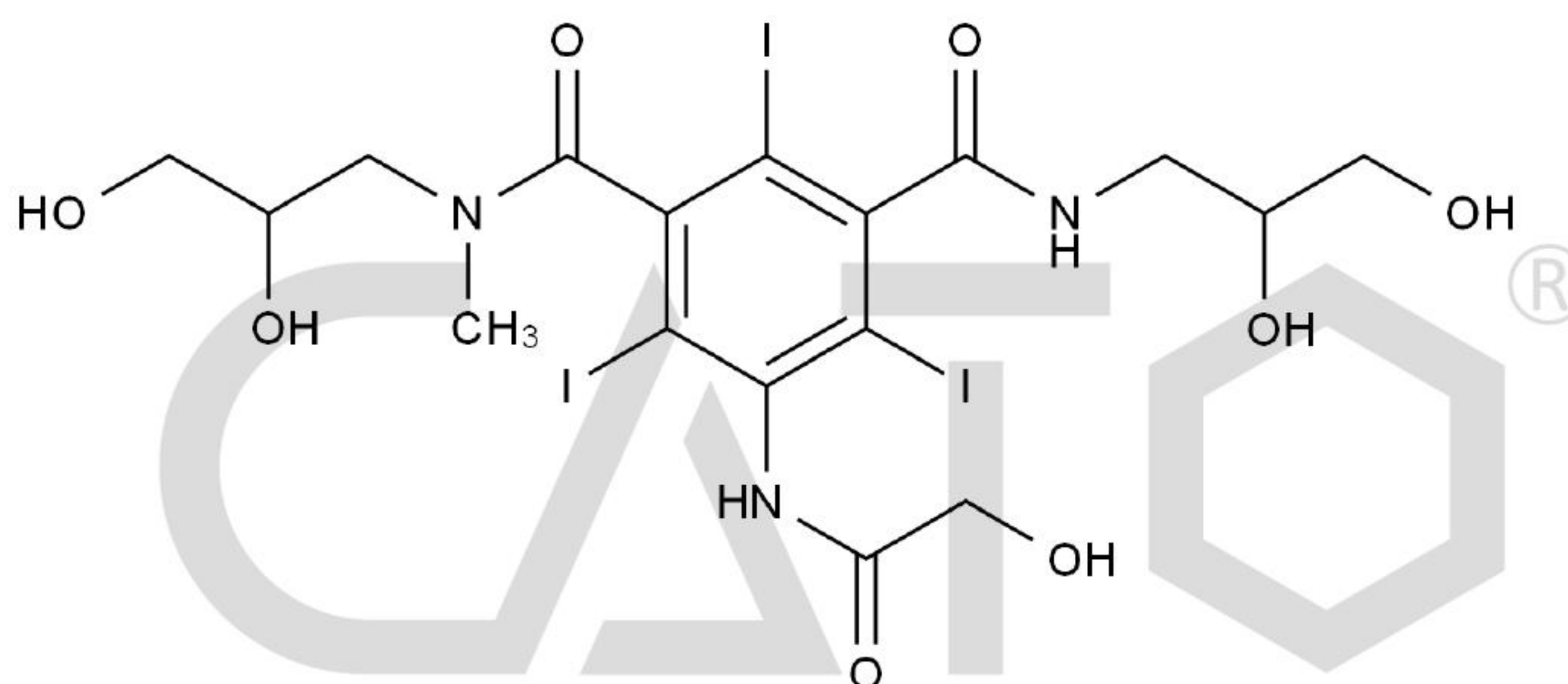
Reference Material & Standard

Product Name:	Iopromide EP Impurity C (Mixture of Diastereomers)	Catalogue Number:	C4X-18323
Synonyms:	N/A	Lot Number:	1010-RG-0042
CAS Number:	154361-52-1	Expiry Date:	May 12, 2028
Molecular Formula:	C ₁₇ H ₂₂ I ₃ N ₃ O ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	777.09		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.07%
Water Content	Karl Fischer	0.79%
Residual Solvents	NMR	0.07% sodium acetate
Assay		98.2%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Oct 10, 2025

Date:

Date:

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