

Certificate of Analysis

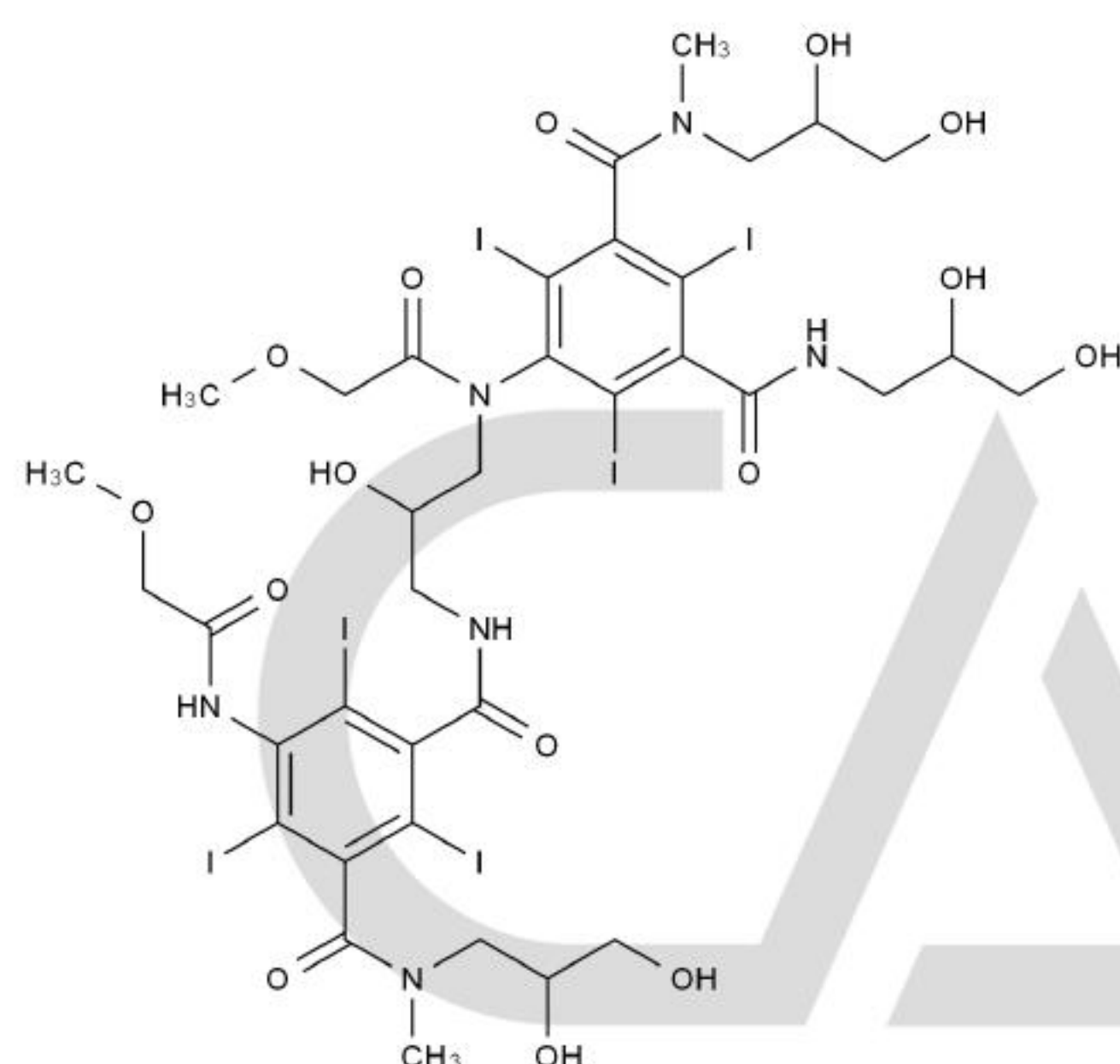
Reference Material & Standard

Product Name:	Iopromide EP Impurity D (Mixture of Diastereomers)	Catalogue Number:	C4X-18324
Synonyms:	N/A	Lot Number:	1204-RG-0028
CAS Number:	154361-55-4	Expiry Date:	Dec 02, 2029
Molecular Formula:	C ₃₆ H ₄₆ I ₆ N ₆ O ₁₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1564.21	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.308%
Residue on Ignition	TGA	0.3210%
Loss On Drying	TGA	0.9409%
Assay		97.1%

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: Dec 09, 2025

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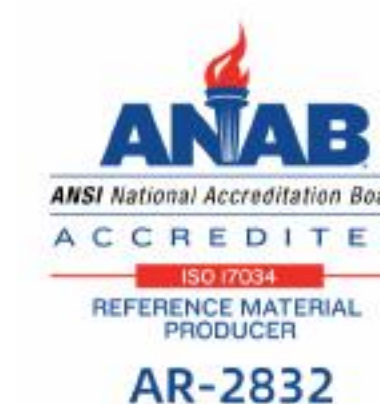
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