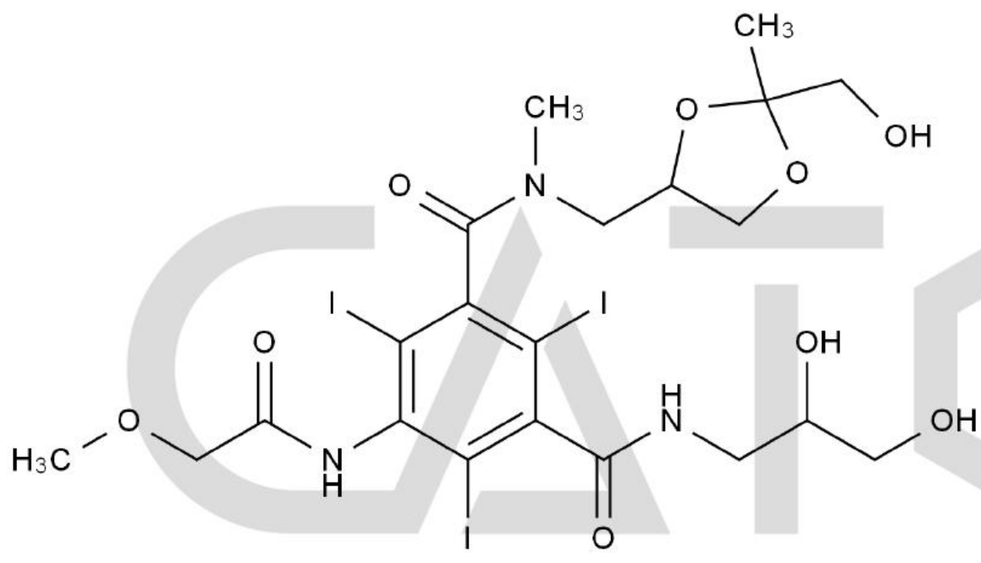
Certificate of Analysis

Reference Material & Standard

Product Name:	Iopromide EP Impurity F (Mixture of Diastereomers)	**Catalogue Number:**	C4X-18326
Synonyms:	N/A	**Lot Number:**	1010-RH-0094
CAS Number:	154361-54-3	**Expiry Date:**	Oct 12, 2030
Molecular Formula:	$C_{21}H_{28}I_3N_3O_9$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	847.18	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.4263%
Assay	Mass Balance	99.6%

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: Alice — Date: Oct 13, 2026

Reviewed by: Koi — Date: Oct 13, 2026

Approved by General Manager: David — Date: Oct 13, 2026

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