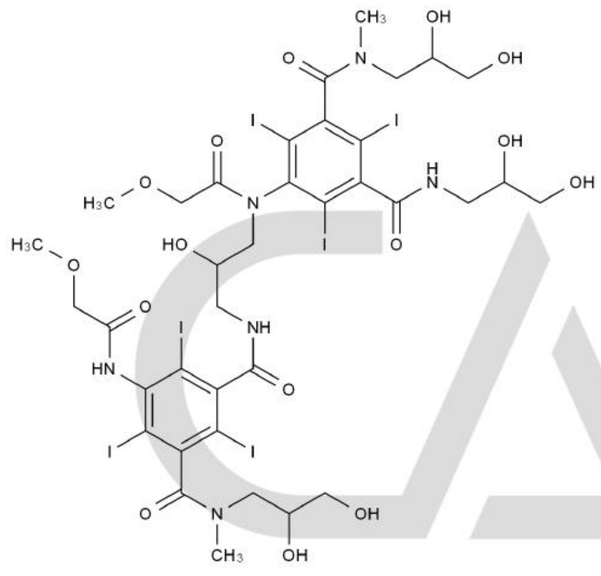
Certificate of Analysis

Reference Material & Standard

Product Name:	Iopromide EP Impurity D (Mixture of Diastereomers)	**Catalogue Number:**	C4X-18324
Synonyms:	N/A	**Lot Number:**	1106-RH-0040
CAS Number:	154361-55-4	**Expiry Date:**	Nov 04, 2030
Molecular Formula:	$C_{36}H_{46}I_6N_6O_{15}$	**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	96.565%
Residue on Ignition	TGA	0.6254%
Loss on Drying	TGA	3.6456%
Assay	Mass Balance	92.4%

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: Koji — Date: Nov 13, 2026

Reviewed by: Lisa — Date: Nov 13, 2026

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

CATO Research Chemicals Inc.