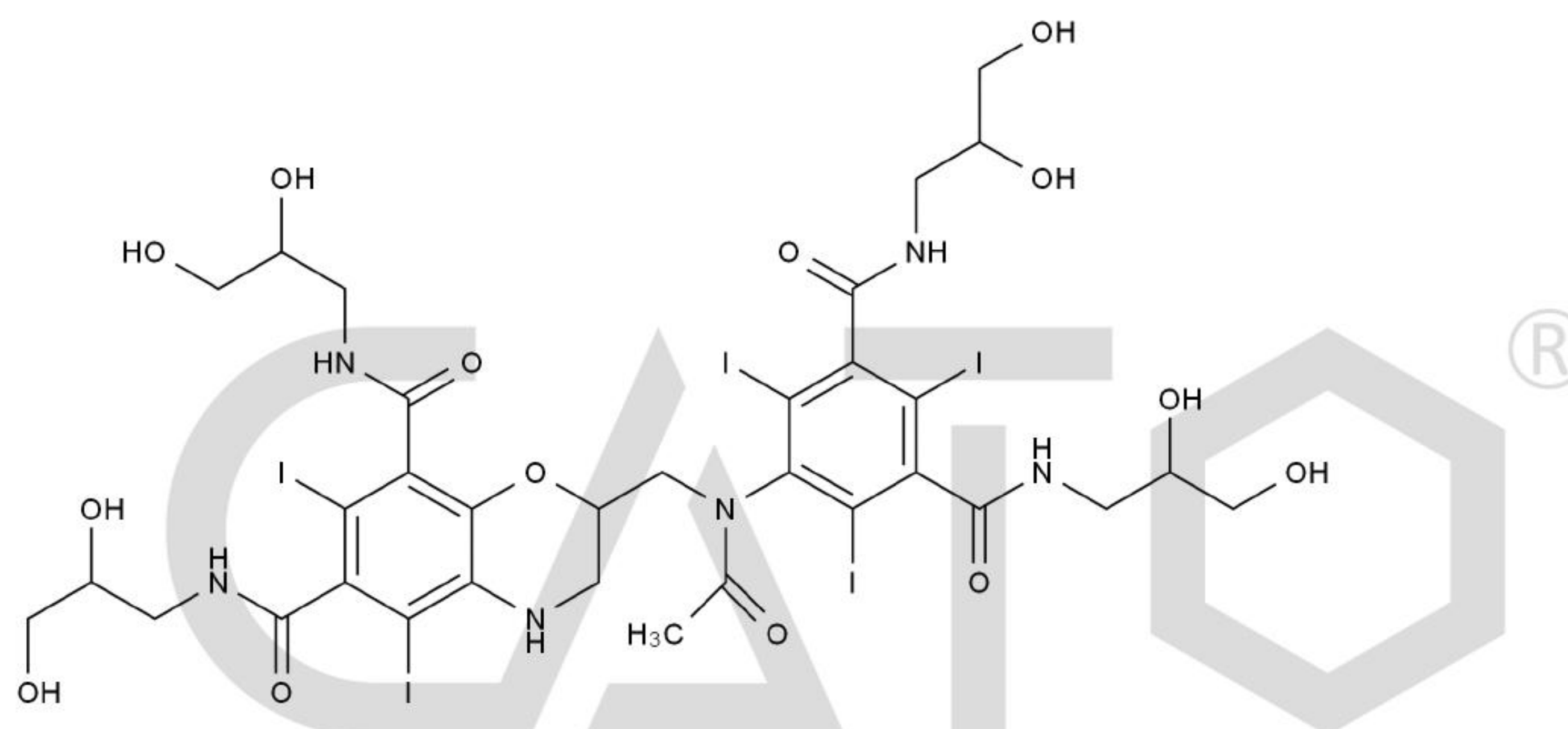


Certificate of Analysis

Reference Material & Standard

Product Name:	Iodixanol EP Impurity F	Catalogue Number:	C4X-16631
Synonyms:	N/A	Lot Number:	0824-RH-0053
CAS Number:	171897-73-7	Expiry Date:	Aug 19, 2030
Molecular Formula:	C ₃₃ H ₄₁ I ₅ N ₆ O ₁₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1380.23	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	93.948%
Residue on Ignition	TGA	0.3441%
Loss on Drying	TGA	3.6011%
Assay		90.2%

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: Aug 27, 2026

Date: Aug 27, 2026

Date: Aug 27, 2026



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