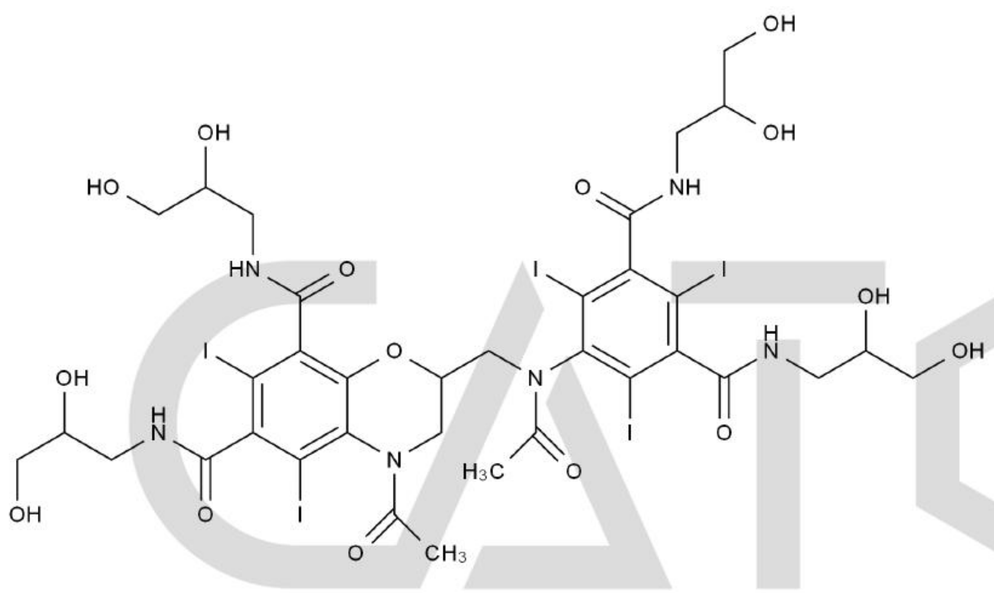
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Iodixanol EP Impurity G | **Catalogue Number:** | C4X-16632 |
| **Synonyms:** | N/A | **Lot Number:** | 0911-RH-0142 |
| **CAS Number:** | 171897-72-6 | **Expiry Date:** | Sep 15, 2030 |
| **Molecular Formula:** | $C_{35}H_{43}I_5N_6O_{15}$ | **Storage:** | -20°C±5°C Protected from light and Sealed |
| **Molecular Weight:** | 1422.27 | **Shipping Condition:** | Shipping with Ice Packs |

**Chemical Structure:**



| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Light Yellow Solid |
| **Identification** | LCMS&HNMR | Confirmed |
| **Purity** | HPLC | 96.784% |
| **Loss on Drying** | TGA | 3.5659% |
| **Assay** | | 93.3% |

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## 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: Sep 16, 2026

Reviewed by: Koi Date: Sep 16, 2026

Approved by General Manager: David Date: Sep 16, 2026

CATO Research Chemicals Inc.