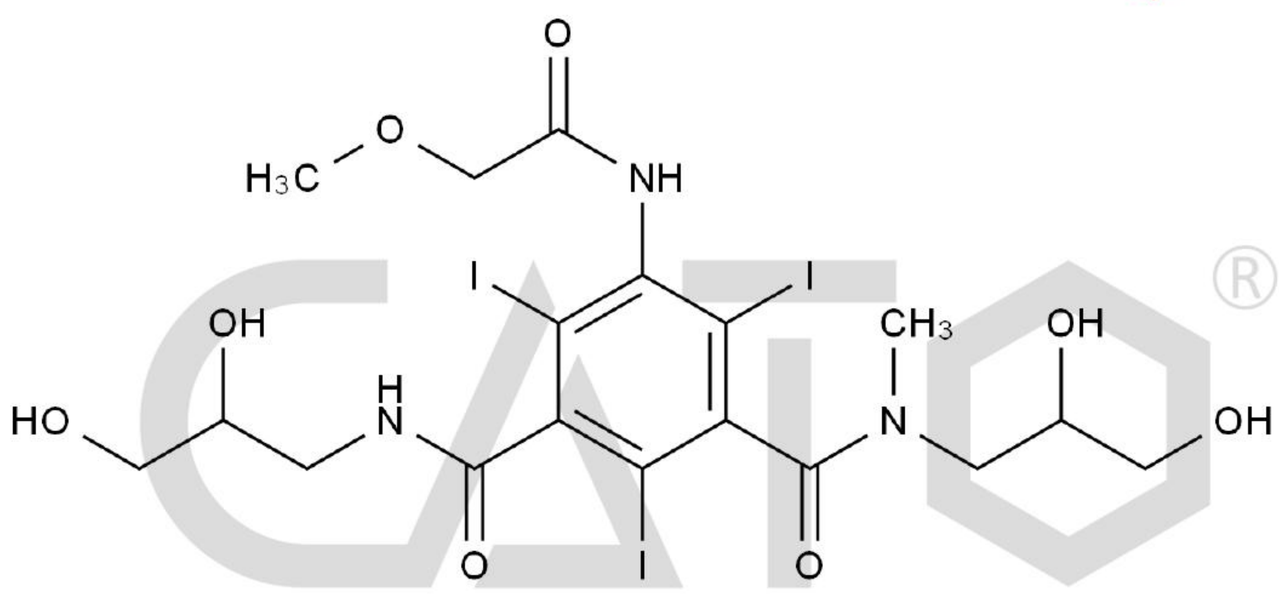
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Iopromide | **Catalogue Number:** | C4X-1832 |
| **Synonyms:** | N/A | **Lot Number:** | 1101-RH-0024 |
| **CAS Number:** | 73334-07-3 | **Expiry Date:** | Nov 03, 2030 |
| **Molecular Formula:** | $C_{18}H_{24}I_3N_3O_8$ | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 791.11 | **Shipping Condition:** | Shipping at Room Temperature |
| | | **Warning:** |  |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Off-White Solid |
| **Identification** | LCMS&HNMR | Confirmed |
| **Purity** | HPLC | 100.000% |
| **Residue on Ignition** | TGA | 0.3491% |
| **Loss on Drying** | TGA | 0.6252% |
| **Assay** | qNMR | 98.6% |
| **Assay (Assigned Value)** | Mass Balance | 99.0% |

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## 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: Alice — Date: Nov 04, 2026

Reviewed by: Koi — Date: Nov 04, 2026

Approved by General Manager: David — Date: Nov 04, 2026

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