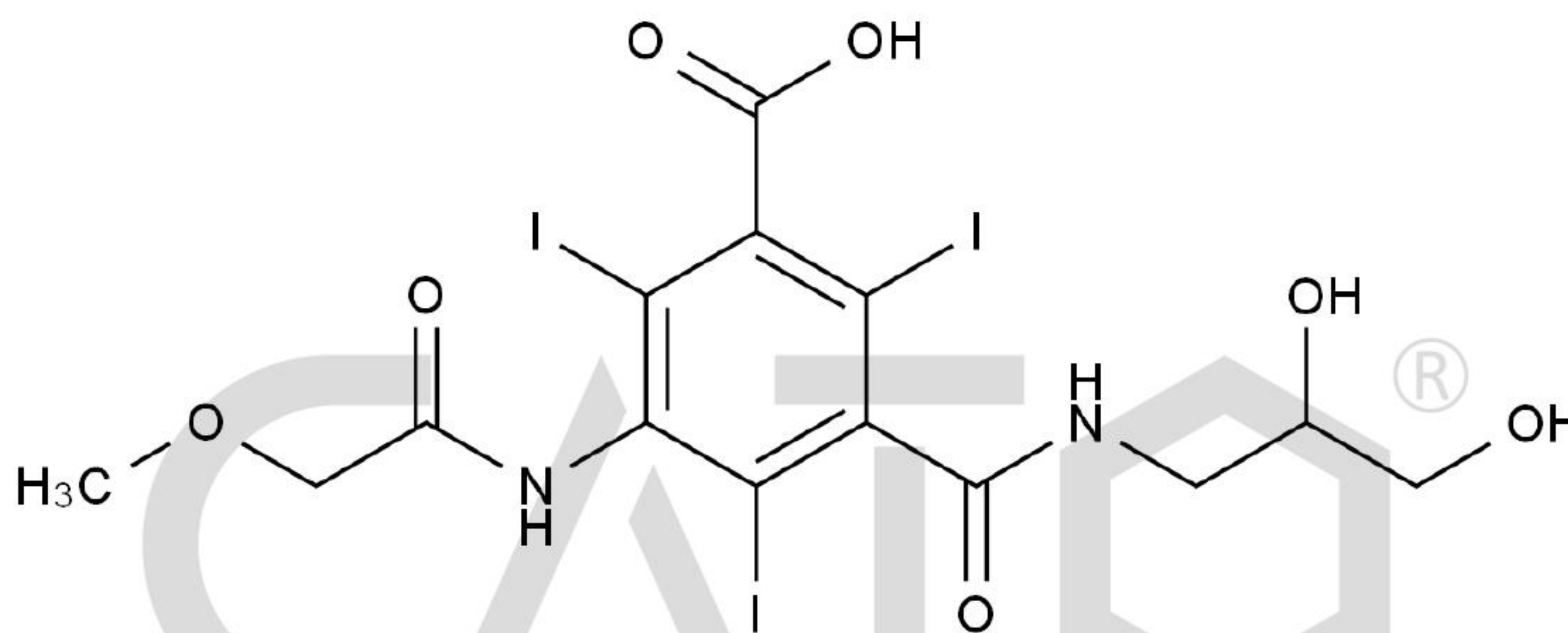


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                              |                   |                                                                                     |
|--------------------|------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Iopromide EP Impurity H                                                      | Catalogue Number: | C4X-18328                                                                           |
| Synonyms:          | N/A                                                                          | Lot Number:       | 0102-RG-0080                                                                        |
| CAS Number:        | 185459-57-8                                                                  | Expiry Date:      | Dec 29, 2027                                                                        |
| Molecular Formula: | C <sub>14</sub> H <sub>15</sub> I <sub>3</sub> N <sub>2</sub> O <sub>7</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed                                           |
| Molecular Weight:  | 703.99                                                                       | Warning:          |  |

Chemical Structure:



| Test Items        | Method            | Results           |
|-------------------|-------------------|-------------------|
| Appearance        | Visual inspection | White Solid       |
| Identification    | LCMS&CNMR&HNMR    | Confirmed         |
| Purity            | HPLC              | 97.885%           |
| Water Content     | Karl Fischer      | 4.99%             |
| Residual Solvents | NMR               | 1.64% acetic acid |
| Assay             |                   | 91.4%             |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) \* Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Lily*

Reviewed by:

*Hinlam*

Approved by General Manager:

*David*

Date: Jan 02, 2025

Date: Jan 03, 2025

Date: Jan 03, 2025

