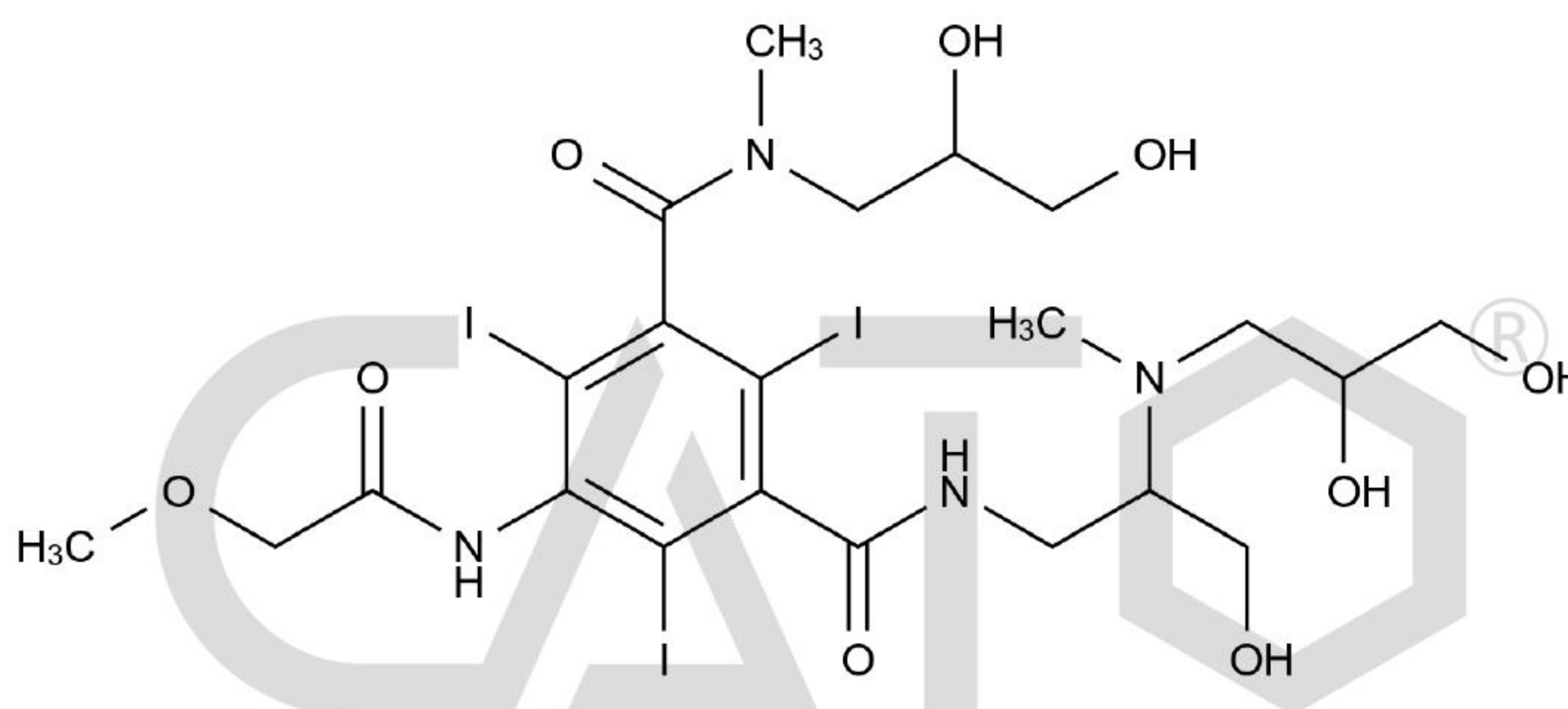


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                              |                     |                                           |
|--------------------|------------------------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Iopromide impurity 14                                                        | Catalogue Number:   | C4X-183214                                |
| Synonyms:          | N/A                                                                          | Lot Number:         | 1208-RG-0085                              |
| CAS Number:        | N/A                                                                          | Expiry Date:        | Dec 08, 2029                              |
| Molecular Formula: | C <sub>22</sub> H <sub>33</sub> I <sub>3</sub> N <sub>4</sub> O <sub>9</sub> | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 878.23                                                                       | Shipping Condition: | Shipping with Ice Packs                   |

### Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 97.82%      |
| Loss On Drying | TGA               | 1.0931%     |
| Assay          |                   | 96.8%       |

### 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:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Dec 12, 2025

Date: Dec 12, 2025

Date: Dec 12, 2025



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