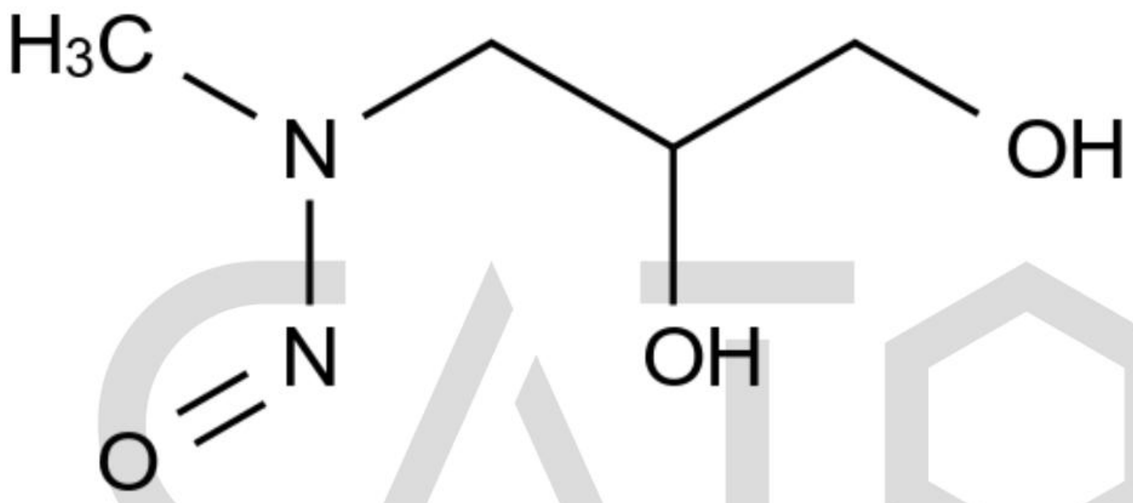
Certificate of Analysis

Reference Material & Standard

Product Name:	Iopromide Impurity 18	**Catalogue Number:**	C4X-183218
Synonyms:	N/A	**Lot Number:**	0813-RH-0084
CAS Number:	86451-37-8	**Expiry Date:**	Aug 16, 2030
Molecular Formula:	$C_4H_{10}N_2O_3$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	134.13	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.614%
Loss on Drying	TGA	1.03%
Assay		97.6%

CATO Research Chemicals Inc.

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 — Date: Aug 28, 2026

Reviewed by: Lisa — Date: Aug 29, 2026

Approved by General Manager: David — Date: Aug 29, 2026

CATO Research Chemicals Inc.