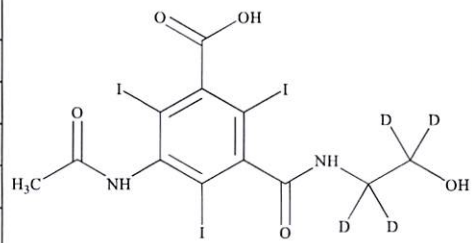
Certificate of Analysis

Certificate No.: **20260604002**

Date: June 4, 2026 Retest date: May 29, 2029

Compound Name:	**Ioxitalamic Acid-d_4**
Synonyms:	3-acetamido-5-((2-hydroxyethyl-1,1,2,2-d_4)carbamoyl)-2,4,6-triiodobenzoic acid
TLC Catalogue Number:	I-382
CAS Number:	1185156-82-4
Alternate CAS Number:	28179-44-4 (non-labelled)
Molecular Weight:	647.97
Molecular Formula:	$C_{12}H_7D_4I_3N_2O_5$
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7399-062A6
Storage Conditions:	Store at 2-8 °C
Solubility:	Solution of Methanol and Water, DMSO



Test Description	**Specifications**	**Results**
Visual Description	White to off-white solid	**Conforms**
Identification **IR** **MS** **^{1}H NMR**	 Conforms to structure Conforms to structure Conforms to structure	 **Conforms** **Conforms** **Conforms**
Purity (HPLC)	Not less than 95.0%	**98.4%**
Impurity (HPLC)	RT 7.03, 0.33%; RT 19.39, 0.68%; RT 19.69, 0.29%	
Isotopic Enrichment	Not less than 95.0%	**97.5%**
Water Content (KF)	N/A	**0.8%**
Residual Solvents (NMR)	1.5% acetonitrile	
Assay (%)	Not less than 90.0%	**96.1%**
Recommendation:	**Release.**	

Name	**Department**	**Signature**	**Date**
Reviewed and approved by:	Quality Control		06/05/2026
Approved by:	Quality Assurance		06/05/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.