CERTIFICATE OF ANALYSIS

(Certificate No. KMI012001-01)

Release Date: 08/10/2024 **Re-test Date:** 07/10/2027

Iohexol USP

Identification

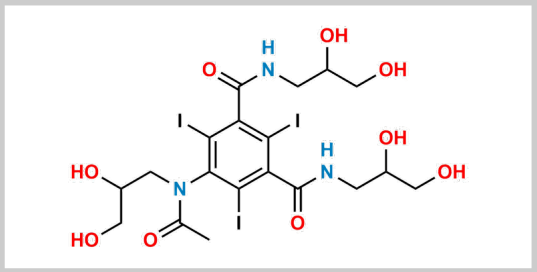
Chemical Name :
5-[Acetyl(2,3-dihydroxypropyl)amino]-N,N′-bis(2,3-dihydroxypropyl)-2,4,6-triiodobenzene-1,3-dicarboxamide (as per EP) ; 1,3-Benzenedicarboxamide, 5-[acetyl(2,3-dihydroxypropyl)amino]-N,N′-bis(2,3-dihydroxypropyl)-2,4,6-triiodo (as per USP)

CAT No. : KMI012001

CAS No. : 66108-95-0

Molecular Formula : C19H26I3N3O9

Molecular Weight : 821.1



Analytical Information

Batch No. : 2-AVL-0251222

Description : White Powder

HPLC Purity : 99.61 %

Weight Loss By TGA : 0.35 %

% Potency : 99.26 %

Solubility : Very soluble in water, freely soluble in methanol

Mass : Confirm

IR : Confirm

1H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.35(Weight Loss By TGA)] x [99.61(HPLC Purity)]/100 = 99.26 %
-Re-tested on 08.10.2024
-Mixture of Isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		09/10/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA