

# CERTIFICATE OF ANALYSIS

(Certificate No. KMI012001-01)

Release Date: 08/10/2024

Re-test Date: 07/10/2027

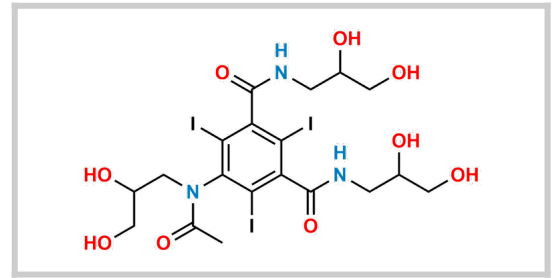
## Iohexol USP

### Identification

**Chemical Name :**

5-[Acetyl(2,3-dihydroxypropyl)amino]-N,N'-bis(2,3-dihydroxypropyl)-2,4,6-triodobenzene-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 : C<sub>19</sub>H<sub>26</sub>I<sub>3</sub>N<sub>3</sub>O<sub>9</sub>  
Molecular Weight : 821.1



### Analytical Information

Batch No.	: 2-AVL-0251222	Solubility	: Very soluble in water, freely soluble in methanol
Description	: White Powder	Mass	: Confirm
HPLC Purity	: 99.61 %	IR	: Confirm
Weight Loss By TGA	: 0.35 %	1H NMR	: Confirm
% Potency	: 99.26 %		

### 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 =  $[100 - 0.35(\text{Weight Loss By TGA})] \times [99.61(\text{HPLC Purity})]/100 = 99.26 \%$   
-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