



ISO 9001:2015 CERTIFIED CERTIFICATE OF ANALYSIS

Product Name	Iodixanol Impurity-1 (Mixture of Isomers)	
Molecular Formula	C ₃₅ H ₄₄ I ₆ N ₆ O ₁₅	The chemical structure shows a symmetrical molecule consisting of two 2,4,6-triiodoisophthalamide units linked by a bis(2,3-dihydroxypropyl)acetamido group. Each isophthalamide unit has three iodine atoms at the 2, 4, and 6 positions. The amide nitrogens are substituted with 2,3-dihydroxypropyl groups. The central acetamido group also has a 2,3-dihydroxypropyl substituent on its nitrogen. The molecule is shown in a 3D perspective with red and blue highlights on the hydroxyl and amide groups.
Molecular Weight	1550.19	
Batch Number	XX-XXXX	
Batch Quantity	XXX	
Date of Manufacturing	DD-MM-YYYY	
Date of Analysis	DD-MM-YYYY	
Next Retest Date	DD-MM-YYYY	
Catalogue Number	DCTI-C-2748	
CAS Number	NA	
COA Number	PA-XXXX	
IUPAC Name	N1,N1'-(2-hydroxypropane-1,3-diyl)bis(N3-(2,3-dihydroxypropyl)-5-(N-(2,3-dihydroxypropyl)acetamido)-2,4,6-triiodoisophthalamide)	
Storage and Handling	2-8°C	

Sl. No	* Test	Result
	Description	
1.	Identification i) By IR ii) By NMR iii) By MS	--
2.	Chromatographic Purity (% by HPLC)	--

Remarks: *Test or tests as mentioned above may vary as per the product nature or customer's requirement

Function	Compiled by	Reviewed by	Reviewed by	Approved by
Name	xxx	xxx	xxx	xxx
Department	Pharma Standards QC	Pharma Standards QC	Quality Assurance	Quality Assurance
Sign and Date				

Attachments	IR, NMR, MS spectra, HPLC Chromatogram.
Date of Shipment	DD-MMM-YYYY

CIN: U24100TG2008PTC058509
Servey No: 542/2, IKP Knowledge Park, Koltur Village,
Shamirpet Mandal, Medchal – Malkajgiri District,
Hyderabad – 500 101, Telangana, India.
Tel. No. +918418660700, Fax. +918418660730