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CERTIFICATE OF ANALYSIS

Analysis Date:

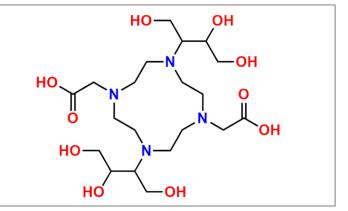
Re-test Date:

Product Name: Gadobutrol EP Impurity A

Identification:

Chemical Name: 2,2`-[4,10-bis[2,3-dihydroxy-1-(hydroxymethyl)propyl]-1,4,7,10-tetraazacyclododecane-1,7-diyl]diacetic acid

Synonyms:NACAS Number:2514736-58-2CAT Number:CP-G39001Molecular Formula:C20H40N4010Molecular Weight:496.6



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

Prepared and Reviewed By

Ms Priyanka Salunkhe (Manager QC Analytical)

Approved By

Ms Rohini Gagare (QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.