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## **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

## Product Name: Upadacitinib Impurity 48

## Identification:

Chemical Name: benzyl (3S,4R)-3-(3-bromoprop-1-en-2-yl)-4-ethylpyrrolidine-1-carboxylate

Synonyms	: NA	
CAS Number	: NA	
CAT Number	: CP-U22050	
Molecular Formula	: C17H22BrNO2	Br
Molecular Weight	: 352.27	

## **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.