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### CERTIFICATE OF ANALYSIS

Analysis Date:

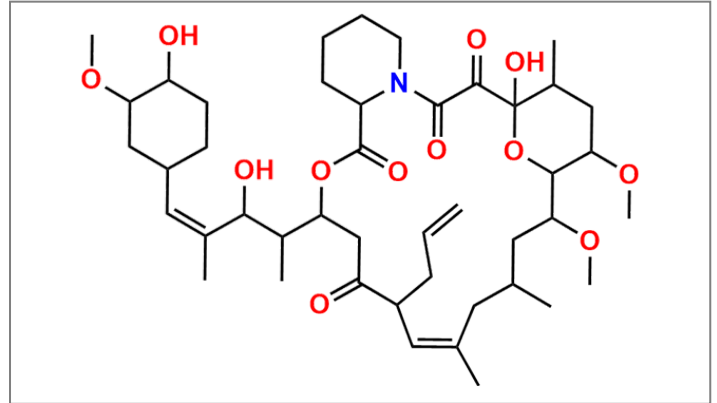
Re-test Date:

**Product Name: Tacrolimus Lactone Isomer**

#### Identification:

Chemical Name: [3S-[3R\*[1R\*,2R\*,4(1S\*,3S\*,4S\*)],6S\*,10R\*,12R\*,13R\*,14R\*,16S\*,17S\*,24aR\*]]-6,9,10,11,12,13,14,15,16,17,22,23,24,24a-tetradecahydro-17-hydroxy-3-[2-hydroxy-4-(4-hydroxy-3-methoxycyclohexyl)-1,3-dimethyl-3-butenyl]-12,14-dimethoxy-8,10,16-trimethyl-6-(2-propenyl)-13,17-epoxy-3H-pyrido[2,1-c][1,4]oxaazacycloheneicosine-1,5,18,19(4H,21H)-tetrone

Synonyms : NA  
CAS Number : 134590-88-8  
CAT Number : CP-T39021  
Molecular Formula : C<sub>44</sub>H<sub>69</sub>NO<sub>12</sub>  
Molecular Weight : 804



#### 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**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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