

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

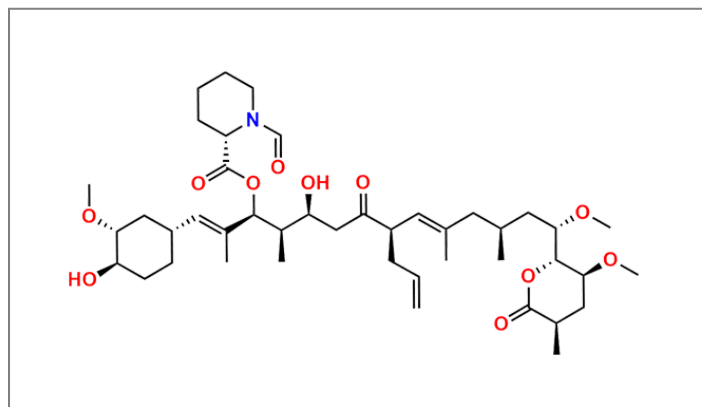
Re-test Date:

**Product Name: Tacrolimus EP Impurity H**

**Identification:**

Chemical Name: (1E,3S,4R,5S,8R,9E,12S,14S)-5-Hydroxy-1-[(1R,3R,4R)-4-hydroxy-3-methoxycyclohexyl]-14-methoxy-14-[(2R,3S,5R)-3-methoxy-5-methyl-6-oxooxan-2-yl]-2,4,10,12-tetramethyl-7-oxo-8-(prop-2-en-1-yl)tetradeca-1,9-dien-3-yl (2S)-1-formylpiperidine-2-carboxylate (as per EP)

Synonyms : NA  
CAS Number : 143210-33-7  
CAT Number : CP-T39020  
Molecular Formula : C<sub>43</sub>H<sub>69</sub>NO<sub>11</sub>  
Molecular Weight : 776



**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)