

maine augusteant turnacellus ann spatische Sole Sharebalder. Beginner im 1826 Sone Chro S. 2022 aller Albertstelland im Sone Albertstella

CERTIFICATE OF ANALYSIS

Product:

SIROLIMUS

Batch no.: IE18	5pA – Via Voltumo 41/43 – 20089 Rozzano (MI) 00429A	
Manufacturing date: July	2018 Analysis date: July 2018	Code: 30123
TEST	111/1020	Re-test date: July 2023
Characters:	SPECIFICATIONS	ANALYSIS VALUE
- Appearance	White to almost-white powder.	
Identification:	and to united writte powder.	Complies
- HPLC	comply with the standard	
- IR spectrum	comply with the standard material	Complies
Loss on Drying (TGA):	not more than 1.0 %	Complies
Sulfated ash	not more than 0.1 %	0.1 %
Specific optical rotation	- 140 to -160°	0.0 %
Heavy metals		- 150 *
Water (K.F.)	Not more than 20 ppm not more than 0.5 %	< 20 ppm
Sirolimus isomer (rrt 1.1)	report the found value	0.1 %
Assay (HPLC)	between 96.5 % and 102.0 % a.b.	2,64 %
Related substances (HPLC):	(expressed as sum of Sirolimus and Sirolimus isomer)	100.0%
- 27-O-demethyl-rapamycin	not more than 0.5 %	
- 16-O-demethyl-rapamycin	not more than 0.5 %	0.1 %
- Prolylrapamycin	not more than 0.5 %	0.0 %
27-demethoxyrapamycin	not more than 0.2 %	0.1%
40-oxorapamycin	not more than 0.2 %	0.0%
11-ethyl/23-ethyl-rapamycin	not more than 0.5 %	0.0 %
Any other	not more than 0.2 % each	0.1 %
Total	not more than 1.5 %	0.1 %
esidual solvents:	The more than 1.3 76	0.3 %
Acetone	not more than 500 ppm	
Ethyl ether	not more than 500 ppm	135 ppm
licrobiological tests:	mera dian 500 ppm	n.d.
MC . not more than 100 CFU/g		1
MC	not more than 10 CFU/g	< 10 CFU/g
coli	absent/g	< 10 CFU/g
Subliber Calubia in	methanol; slightly soluble in n-hexane; practically insoluble in w	Absent/g

Q.C. Manager

DR.SSA CLAUDIA CALDIROLA

Production Units - Lord Area Wastern 26 250 Changle day

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Production Units - Milano Area Bereit, and the Mary

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Production Units - Verese Aces Vactoren 27.1 21160 varie (20112)

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