

TAIZHOU VOLSEN CHEMICAL CO., LTD.

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CERTIFICATE OF ANALYSIS

Product Name	SIMEPREVIR SODIUM	Cas No.	1241946-89-3
Producing Date	2016-03-03	Batch No.	201600301
Assaying Date	2016-03-05	Reporting Date	2016-03-05
Expiry Date	2018-03-02	Quantity	5KGS

Items	Specifications	Results
Description	White to off -white powder	Off White power
Identification	By IR:Conform to the result By 1H-NMR:Conform to the structure	Conform Conform
Water content (K.F.)	Not more than 0.5%	0.2%
XRD	Report the result	See the attached spectrum
Loss on drying	Report the result	0.06%
Residue solvents(GC)	MeOH Not more than 3000 ppm	ND
	EtOH Not more than 5000 ppm	ND
	N-Pentane Not more than 5000 ppm	1680ppm
	DCM Not more than 300 ppm	ND
	EA Not more than 5000 ppm	ND
	THF Not more than 720 ppm	ND
	N-heptanee Not more than 5000 ppm	2586ppm
Related substances	Any Individual impurity :not more than 0.1%	
	RRT=0.814	0.03%
	RRT=0.817	0.04%
	RRT=0.830	0.04%
	RRT=0.937	0.02%
	RRT=1.081	0.05%
Total impurities :not more than 1.0%	0.20%	
Purity (HPLC)	Not less than 99%	99.8%(254nm)

Conclusion: The product corresponds to the requirements of in house standard

Storage Condition: Keep container tightly closed in a dry and well-venting place.

Prepared By: 徐延菊

Checked By: 王丽

Approved By: 徐延菊

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