



Certificate of analysis

CAS # 6493-05-6

Product	: Pentoxifylline USP	License No.	: KD-129
Batch No.	: SLL/PT/0919071	Date of Manufacturing	: Aug-2019
Batch Qty.	: 251.00 kg	Date of Expiry	: July-2023
A. R. No.	: SLL/QC/FP/19/1019	Date of Release	: 18/02/2020

S.No.	Test	Specifications	Results
1.	Description	White to almost white crystalline powder.	White powder.
2.	Solubility	Freely soluble in chloroform and in methanol, soluble in water, sparingly soluble in alcohol, slightly soluble in ether.	Conforms
3.	Identification:		
	i IR Absorption	The IR absorption spectrum should be concordant with that of Pentoxifylline working standard/reference standard .	Complies
	ii Retention time by HPLC	The retention time of the major peak of the sample solution correspond to that of the standard solution, as obtained in Assay	Complies
4.	Assay by HPLC (%)	NLT 98.0- NMT 102.0	99.73
5.	Residue on ignition (% , w/w)	NMT 0.1	0.04
6.	Chloride test (%)	NMT 0.011	Less than 0.011
7.	Sulfate Test (%)	NMT 0.02	Less than 0.02
8.	Organic impurities by HPLC (%)		
	i. Individual Impurities	NMT 0.2	0.09
	ii Total Impurities	NMT 0.5	0.11

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