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CERTIFICATE OF ANALYSIS

Product Name	Flunixin Meglumine	CAS No.	42461-84-7
Batch No.	P031162417A	Mfg. Date	Nov. 28, 2017
Quantity	150Kg	Retest Date	Nov. 27, 2019
Packing	25kg/Drum	Report Date	Dec. 03, 2017
Specification	USP37		

ITEM	SPECIFICATION	RESULT
Appearance	Off white or almost white crystalline powder	Complies
Identification	A) IR: the IR spectrum of the sample should be identical with that of reference standard.	Complies
	B) HPLC: the retention time of the main peak of the sample should be identical with that of reference standard.	Complies
pH	7.0~9.0	8.5
Specific Rotation	-9° ~ -12°	-10°
Loss on Drying	≤0.5%	0.10%
Residue on Ignition	≤0.2%	0.06%
Heavy Metals	≤10ppm	<10ppm
Related Substances		
2-chloronicotinic acid	≤0.2%	≤0.05%
2-methyl-3-(trifluoromethyl)aniline	≤0.2%	≤0.05%
Ethyl chloronicotinate	≤0.2%	≤0.05%
Ethyl 2-[[2-methyl-3-(trifluoromethyl)phenyl]amino]pyridine-3-carboxylate	≤0.2%	≤0.05%
Total Impurities	≤0.5%	≤0.05%
Residual Solvents		
Methanol	≤1000ppm	Complies
Ethanol	≤5000ppm	Complies
Assay(HPLC)	98.0~102.0%	100.31%
Conclusion	This product conforms with USP37.	
Remarks	N/A	

Analyst:

QC Manager:

QA: