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Certificate Of Analysis

No.:YT21044

Product name		Oxytetracycline Hydrochloride	
Batch No.	T202105004	Quantity	1400kg
Quantity per package	25kg/ package	Number of packages	56
Manufacturing date	05-19-2021	Expiry date	05-18-2025
Storage	Protected from light	Issuing date	05-22-2021
Analytic specification	B.P.2018		
Determination		Specification	Analytic results
Characters		Yellow crystalline powder, hygroscopic.	Conform
Solubility		Freely soluble in water, sparingly soluble in 96% ethanol .Solutions in water become turbid on standing, (precipitation of Oxytetracycline), .	Conform
Identification		B. The principal peak in the chromatogram obtained with test solution (b) and reference solution (a) is similar in retention time and size.	Conform
		C. A deep red colour develops in sulfuric acid and it becomes yellow when being diluted with water.	Conform
		D. Gives reaction (a) of chlorides.	Conform
pH		2.3 to 2.9	2.4
Light-absorbing impurities	430nm	≤0.50	0.36
	490nm	≤0.20	0.14
Related substances		Content of impurity peak meets the requirements	Conform
Heavy metals (ppm)		≤50	<50
Water (%)		≤2.0	1.6
Sulfated ash (%)		≤0.2	0.07
Assay (anhydrous substance,%)		94.5 to 102.0	95.9
Conclusion: It complies with B.P.2018.			

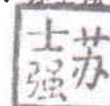
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PACKING DATE:20.MAY.2021

COUNTRY OF ORIGIN: CHINA

COUNTRY OF PROVENANCE: CHINA

THIS PRODUCT IS FROM NON-ANIMAL ORIGIN.