## **CENTURY**

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## QUALITY ASSURANCE CERTIFICATE OF ANALYSIS

B. NO: 09824001-OH	NAME OF PRODUCT	A. R. NO: OH/20/001/09824
MFG DATE: May 2020	OXYTETRACYCLINE	
EXP DATE: April 2024	HYDROCHLORIDE	CAS NO: 2058-46-0
TESTING DATE: 14/05/2020	EP(Injectable)	RELEASE DATE: 16/05/2020

SR.	TEST	SPECIFICATION	OBSERVATION	
01	Characters	7		
	Appearance	Pale Yellow, crystalline powder,	Yellow, crystalline powder,	
		hygroscopic.	hygroscopic.	
	Solubility	Freely soluble in water, sparingly	Complies	
		soluble in alcohol. Solutions in water		
	i e	become turbid on standing, owing to		
		the precipitation of oxytetracycline.		
02	Identification	To comply the test A,B,C and D	Complies	
03	pH	Between 2.3 to 2.9	2.73	
04	Light-Absorbing	At 430nm NMT 0.5		
	Impurities	At 490nm NMT 0.2	0.041	
05	Related Substances	Impurity C. NMT 2.0 %	Complies	
		Impurity B. NMT 1.0 %	Complies	
		Impurity A. NMT 0.5 %	Complies	
		Impurity D NMT 0.2%	Complies	
		Impurity E NMT 0.2%	Complies	
		Any other impurity NMT 0.1%	Complies	
		Total Impurities NMT 3.5%	Complies	
06	Water	Not more than 2.0 %	0.68 %	
07	Sulphated Ash	Not more than 0.2 %	0.029 %	
08	Assay	94.5 to 102% (anhydrous substance)	99.60 %	
09	Bacterial Endotoxin	NMT 0.4 IU/mg of Oxytetracycline	Complies	
10	Microbial Limit Tests		Carratia a	
	i)Total aerobic	i)NMT 100 cfu/g	Complies	
	microbial count		Complies	
	ii)Total combined	ii)NMT 10 cfu/g	Complies	
	molds and yeasts			
	count			

REMARK: The product complies as per EP 9.0 specifications.

	PREPARED BY	CHECKED BY	APPROVED BY
SIGNATURE	Bulin	fozel	Dufy
NAME	Jyoti Yadav	Pazal Patel	Dr. Anand K. Dubey
DATE	16/05/2020	16/05/2020	16/05/2020