



SHANDONG ZHI SHANG CHEMICAL CO.LTD

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Specification of Analysis

Product Name:	Tetracycline hydrochloride		
CAS No.:	64-75-5	Quantity	2000kgs
Rep Date	Nov,15th,2016	Batch NO.	20161108
MFG. Date	Nov,05th,2016	Expiry Date:	Nov,05th,2018

Test Item	Specification	Results
Appearance	White crystalline powder	White crystalline powder
Acidity(PH)	1.8-2.8	2.4
Specific optical rotation	-240°~-255°	-250°
Loss on drying	≤1.0%	0.3 %
4-epianhydrotetracycline	≤0.5 %	Not detected
Tetracycline	≤3.0 %	1.4 %
Chlortetracycline hydrochloride	≤1.0%	0.10 %
Dehydrated tetracycline	≤0.5 %	0.12 %
Any individual related substance	≤1.0%	0.04 %
Assay	≥95 %	98.5 %
Acetone	≤100ppm	18ppm
I-butanol	≤3000ppm	2171ppm

Analyst:Liya

Checker:Weichen

Q.C.Director:Xuleilei