

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Tetracycline HCl
CAS NO. 64-75-5
BATCH NO. 24/MFM/3127
EXPIRY DATE: September 2030
MOLECULAR WEIGHT: 480.91
STORAGE TEMPERATURE: -20 Deg C

TESTS	SPECS	RESULTS
Description	Yellow powder	Complies
Solubility (5% in water)	Clear, yellow to orange solution	Complies
pH (1% in water)	1.8 – 2.8	2.6
Specific Optical Rotation	-240.0 - -255.0° (c=1, 0.1M HCL)	-242.9°
Loss on Drying	≤ 2.0% (105°C)	0.6%
Assay	≥ 95.0%	98.6%

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24th October 2024