



Certificate of Analysis

Oxytetracycline HCl

Catalog Number: OS1001
Lot Number: 0323003
CAS Number: 2058-46-0
Molecular Formula: $C_{22}H_{24}N_2O_9 \cdot HCl$
Molecular Weight: 496.89
Storage: 15°C – 30°C
Date of Manufacture: November 2, 2019
Retest Date: November 1, 2021

Test	Specification	Result
Appearance	Yellow Crystalline Powder	Conforms
Assay (Dried Basis)	$\geq 95.0\%$	95.3%
Specific Optical Rotation	-188° to -200°	-192°
Loss of Drying	$\leq 2.0\%$	0.6%
Impurity A	$\leq 0.5\%$	0.2%
Impurity B	$\leq 2\%$	0.5%
Impurity C	$\leq 2\%$	1.1%
Impurity D, E, and F	$\leq 2\%$	1.2%
Any Other Detected Impurity	$\leq 0.1\%$	0.05%
Sulphated ash	$\leq 0.5\%$	0.2%

Approved by:

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Date: March 23, 2020