

Certificate of Analysis



SCIENTIFIC

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TETRACYCLINE HCl

PRODUCT NUMBER

IB02200 _____ 25gm

LOT NO.

Lot# _____ 20D1005

STORAGE

Store at +4°C. Warm to room temperature before opening. Keep tightly sealed. Store Tetracycline Hydrochloride solution in a light-tight container at -20°C.

CAS NO.

CAS# _____ 64-75-5

SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance, white to yellowish crystals	PASS / FAIL	PASS	PASS
pH	1.8 - 2.8	2.13	PASS
Specific Rotation	-258° to -240°	-246°	PASS
Loss on Drying	≤ 2.0%	0.14%	PASS
Assay (on dried basis)	≥ 95.0%	99.0%	PASS
Sulfated Ash	≤ 0.5%	0.03%	PASS
4-Epitetracycline	≤ 3.0%	0.92%	PASS
Anhydrotetracycline	≤ 0.5%	0.08%	PASS
4-Epianhydrotetracycline	≤ 0.5%	None	PASS
2-Acetyl-2-decarbamoyletetracycline	≤ 1.5%	0.3%	PASS
Chlortetracycline hydrochloride	≤ 0.5%	0.1%	PASS
Other Impurities	≤ 0.05%	0.03%	PASS

DATE OF

Reassay Date: _____ 12/2021

CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Toby Frericks
Quality Control

04/02/20
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.