

Certificate of Quality

Product Name: Tetracycline Hydrochloride

Inhibits protein synthesis in gram+ and gram- bacteria. Water soluble. Recommended working concentration: 15 µg/ml. Stock solution: 10 mg/ml.

Product Code:	A4010	CAS #:	64-75-5
Grade:	Biotechnology	Formula:	C ₂₂ H ₂₄ N ₂ O ₈ .HCl
Appearance:	Yellow powder	MW:	480.9
Reassay Date:	3 years after shipping date	Lot#:	See product label
Storage:	Store at room temperature. Protect from moisture.		

TEST	SPECIFICATION	RESULT
Assay (on dried basis)	95-102%	Passes
pH (1%, Water) at 25°C	1.8-2.8	Passes
Moisture (LOD)	≤ 2%	Passes
Heavy Metals	≤ 50 ppm	Passes
4-epitetracycline	≤ 3.0%	Passes
Ash	≤ 0.5%	Passes
Specific Rotation (-)	255-240	Passes
Identification	Passes	Passes

Data Verified by M. He. Verification Date: 2020-01-06

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