

Certificate of Quality

Product Name: D-Biotin (Vitamin H)

A small biomolecule, 244 Daltons, that has high binding affinity to avidin and streptavidin often used to label antibodies and enzymes. Several molecules of biotin can react with a single protein molecule to increase the sensitivity at the site of detection in ELISA, immunohistochemistry and Western Blotting. Suitable for tissue culture.

Product Code:	A2406	CAS #:	58-85-5
Grade:	Biotechnology	Formula:	C ₁₀ H ₁₆ N ₂ O ₃ S
Appearance:	White Powder	MW:	244.31
Reassay Date:	2 years after shipping date	Lot#:	See product label
Storage:	4°C. Protect from moisture. Allow to come to room temperature before opening.		

TEST	SPECIFICATION	RESULT
Purity	≥ 99%	Passes
Heavy Metals (as Pb)	≤ 0.001%	Passes
Solubility (water)	0.2 mg/ml with heat	Passes

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

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