

240 County Road Ipswich, MA 01938-2723 Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

New England Biolabs Certificate of Analysis

Product Name: SNAP-Biotin®

Catalog Number: S9110S
Lot Number: 10012553
Expiration Date: 06/2021
Storage Temperature: -20°C

Specification Version: PS-S9110S v1.0

SNAP-Biotin® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9110SVIAL	SNAP-Biotin®	10011419	Pass

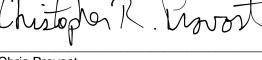
Assay Name/Specification	Lot # 10012553
Identity (Mass Spectrometry) The observed molecular mass of SNAP-Biotin® is 609.3 Da +/- 1 Da as determined by mass spectrometry analysis.	Pass
In Vitro Protein Labeling A 50 μ I reaction in 1X PBS and 1 mM DTT containing 5 μ M of SNAP-tag® Purified Protein and a minimum of 10 μ M of SNAP-Biotin® is incubated for 1 hour at 37°C results in the expected labeled product that is visualized on SDS-PAGE by gel shift after silver staining.	Pass
Physical Purity (HPLC) SNAP-Biotin® is ≥ 90% pure as determined by HPLC analysis.	Pass

This product has been tested and shown to be in compliance with all specifications.



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Chris Provost **Production Scientist** 12 Jun 2018

Michael Tonello

Packaging Quality Control Inspector

13 Jun 2018

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