

New England Biolabs Certificate of Analysis

Product Name: SNAP-Biotin®
Catalog Number: S9110S
Packaging Lot Number: 10244578
Expiration Date: 05/2029
Storage Temperature: -20°C
Specification Version: PS-S9110S v2.0

SNAP-Biotin® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S9110SVIAL	SNAP-Biotin®	10235043	Pass

Assay Name/Specification	Lot # 10244578
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 µl reaction in 1X PBS and 1 mM DTT containing 5 µM of SNAP-tag® Purified Protein and a minimum of 10 µM 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.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.

Christopher R. Provost

Chris Provost
Production Scientist
21 May 2024



Josh Hersey
Packaging Quality Control Inspector
22 May 2024