

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
<p>Identity (Mass Spectrometry) The observed molecular mass of SNAP-Biotin® is 609.3 Da +/- 1 Da as determined by mass spectrometry analysis.</p>	Pass
<p>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.</p>	Pass
<p>Physical Purity (HPLC) SNAP-Biotin® is ≥ 90% pure as determined by HPLC analysis.</p>	Pass

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

Christopher R. Provost

Chris Provost
Production Scientist
12 Jun 2018

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
13 Jun 2018