

New England Biolabs Certificate of Analysis

Product Name: *pSNAPf Vector*
 Catalog Number: *N9183S*
 Concentration: *0.5 mg/ml*
 Packaging Lot Number: *10068402*
 Expiration Date: *03/2023*
 Storage Temperature: *-20°C*
 Storage Conditions: *10 mM Tris-HCl; 1 mM EDTA @ pH 8.0*
 Specification Version: *PS-N9183S v2.0*

| pSNAPf Vector Component List | | | |
|------------------------------|-----------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| N9183SVIAL | pSNAPf Vector | 10068401 | Pass |

| Assay Name/Specification | Lot # 10068402 |
|---|----------------|
| A260/A280 Assay The ratio of UV absorption of pSNAPf Vector at 260 and 280 nm is between 1.8 and 2. | Pass |
| DNA Concentration (A260) The concentration of pSNAPf Vector is between 500 and 550 µg/ml as determined by UV absorption at 260 nm. | Pass |
| Electrophoretic Pattern (Plasmid) The banding pattern of pSNAPf Vector on a 1.2% agarose gel is evaluated against a control lot for sharpness and relative intensity as determined by gel electrophoresis using Ethidium Bromide. | Pass |
| Non-Specific DNase Activity (DNA, 16 hour) A 50 µl reaction in 1X NEBuffer 2 containing 2.5 µg of pSNAPf Vector incubated for 16 hours at 37°C results in a DNA pattern free of detectable nuclease degradation as determined by agarose gel electrophoresis. | Pass |

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

Christopher R. Provost

Chris Provost
Production Scientist
10 Mar 2020

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
11 Mar 2020