
New England Biolabs Product Specification

Product Name: Sodium Orthovanadate (Vanadate)
Catalog #: P0758S/L
Concentration: 100 mM
Shelf Life: 36 months
Storage Temp: -20°C
Storage Conditions: Supplied in sterile, purified water adjusted to pH 10.0
Specification Version: PS-P0758S/L v1.0
Effective Date: 22 Oct 2018

Assay Name/Specification (minimum release criteria)

Functional Testing (Sodium Orthovanadate) - A 50 µl reaction in 1X Phosphatase Buffer containing 50 mM <i>p</i> -Nitrophenyl Phosphate (PNPP), 8 units Lambda Protein Phosphatase, and 0.5 mM Sodium Orthovanadate (Vanadate) incubated for 5 minutes at 30°C results in ≥85% inhibition of the phosphatase as determined by UV absorption at 405 nm.



Date 22 Oct 2018

Derek Robinson
Director of Quality Control

