

## New England Biolabs Certificate of Analysis

**Product Name:** Sodium Orthovanadate (Vanadate)  
**Catalog Number:** P0758L  
**Concentration:** 100 mM  
**Packaging Lot Number:** 10064913  
**Expiration Date:** 08/2022  
**Storage Temperature:** -20°C  
**Storage Conditions:** Supplied in sterile, purified water adjusted to pH 10.0  
**Specification Version:** PS-P0758S/L v1.0

Sodium Orthovanadate (Vanadate) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P0758SVIAL	Sodium Orthovanadate (Vanadate)	10050145	Pass

Assay Name/Specification	Lot # 10064913
<b>Functional Testing (Sodium Orthovanadate)</b> A 50 µl reaction in 1X Phosphatase Buffer containing 50 mM p-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.	Pass

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



Alicia Bielik  
Production Scientist  
01 Aug 2019



Michael Tonello  
Packaging Quality Control Inspector  
29 Jan 2020