

## New England Biolabs Certificate of Analysis

**Product Name:** Sodium Orthovanadate (Vanadate)  
**Catalog Number:** P0758S  
**Concentration:** 100 mM  
**Packaging Lot Number:** 10085973  
**Expiration Date:** 10/2023  
**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)	10084790	Pass

Assay Name/Specification	Lot # 10085973
<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.

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12 Nov 2020



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12 Nov 2020