

New England Biolabs Certificate of Analysis

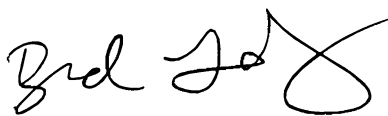
Product Name: Sodium Orthovanadate (Vanadate)
Catalog Number: P0758L
Concentration: 100 mM
Packaging Lot Number: 10254235
Expiration Date: 03/2027
Storage Temperature: -20°C
Storage Conditions: Supplied in sterile, purified water adjusted to pH 10.0
Specification Version: PS-P0758S/L v1.0

| Sodium Orthovanadate (Vanadate) Component List | | | |
|--|---------------------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| P0758SVIAL | Sodium Orthovanadate (Vanadate) | 10229247 | Pass |

| Assay Name/Specification | Lot # 10254235 |
|---|----------------|
| Functional Testing (Sodium Orthovanadate) 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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Brad Landgraf
Production Scientist
27 Mar 2024



Michael Tonello
Packaging Quality Control Inspector
08 Aug 2024