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New England Biolabs Certificate of Analysis

| Product Name: | p-Nitrophenylphosphate (PNPP) |
|------------------------|------------------------------------|
| Catalog Number: | P0757L |
| Concentration: | 500 mM |
| Lot Number: | 10054880 |
| Expiration Date: | 07/2021 |
| Storage Temperature: | -20°C |
| Storage Conditions: | Supplied in sterile purified water |
| Specification Version: | PS-P0757S/L v1.0 |

| p-Nitrophenylphosphate (PNPP) Component List | | | | |
|--|--------------------------------|------------|----------------------|--|
| NEB Part Number | Component Description | Lot Number | Individual QC Result | |
| P0757SVIAL | p-Nitrophenyl Phosphate (PNPP) | 10046926 | Pass | |

| Assay Name/Specification | Lot # 10054880 |
|--|----------------|
| Functional Testing (PNPP) | Pass |
| A 50 µl reaction in 1X Phosphatase Buffer containing 50 mM p-Nitrophenyl Phosphate | |
| (PNPP) and 8 units of Lambda Protein Phosphatase incubated for 5 minutes at 30°C | |
| results in an OD of \geq 0.40 as determined by UV absorption at 405 nm. | |

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

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Brad Landgraf Production Scientist 24 Jul 2019

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Michael Tonello Packaging Quality Control Inspector 30 Aug 2019

