

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |   |
|--------------------------|---|
| Date of Testing:         | 2025-05-14 09:56:32                           |
| Date of Next Testing:    | 2029-05-13 09:56:32                           |
| Product Name:            | <b>1-Naphthyl phosphoric acid sodium salt</b> |
| CAS Number:              | 2183-17-7                                     |
| Specifications & Purity: | ≥98%  |
| Lot #:                   | E2513412                                      |
| SKU #                    | <b>N109088</b>                                |
| Version                  | <b>1</b>                                      |
| Analysis #:              | <b>506922</b>                                 |
| Storage Temperature:     | Store at -20°C, Argon charged                 |

| Parameter                                 | Limit Values   | Result   |
|---|--|--|
| Purity(HPLC)                              | 98-100 (%)   | 99.94100 %   |
| Phosphorus by Elemental Analysis          | 11.1-11.8 (%)  | 11.12 %  |
| Water by Karl Fischer                     | 0-15 (%)   | 13.03 %  |
| Sodium by elemental analysis              | 16.6-17.4 (%)  | 16.60 %  |
| Appearance (N109088)                      | White to off-white powder to light brown powder to crystal | White to off-white powder to light brown powder to crystal |
| Solubility (50 mg/ml in H <sub>2</sub> O) | pass   | Pass   |
| Proton NMR spectrum                       | Conforms to structure                                      | Conforms to Structure                                      |



John Su  
QA & QC Manager