

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-09 09:08:53  
Date of Next Testing: 2026-12-08 09:08:53  
Product Name: **1-Naphthyl phosphate monosodium salt monohydrate**  
CAS Number: 81012-89-7  
Specifications & Purity: 98%  
Lot #: K2228250  
SKU #: **N111817**  
**Analysis: 165692**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                               | Limit Values              | Result                    |
|---|---------------------------|---------------------------|
| Water by Karl Fischer                   | 5-8 (%)                   | 6.20 %                    |
| free 1-naphtol                          | 0-0.01 (%)                | 0.01 %                    |
| Purity(Nonaqueous Titration)            | 98-100 (%)                | 98.81 %                   |
| PH (5%, water) 25 ° C                   | 3.5-4.5                   | 3.70                      |
| Appearance (N111817)                    | White to Off-White Powder | White to Off-White Powder |
| Clear colorless solution(50mg/ml,water) | pass                      | Pass                      |
| Infrared spectrum                       | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager