

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-16 16:23:53

Date of Next Testing: 2025-08-15 16:23:53

Product Name: **Octadecylphosphonic acid(ODPA)**

CAS Number: 4724-47-4

Specifications & Purity:  $\geq 98\%$

Lot #: L2412212

SKU #: **O138884**

Version: **1**

Analysis #: **264896**

Storage Temperature: Room temperature

| Parameter                        | Limit Values                      | Result                            |
|----------------------------------|-----------------------------------|-----------------------------------|
| Purity(Neutralization titration) | 98-102 (%)                        | 99.90000 %                        |
| Melting point                    | 97-101 (°C)                       | 100.50000 °C                      |
| Appearance (O138884)             | white to beige powder or crystals | white to beige powder or crystals |
| Infrared spectrum                | Conforms to Structure             | Conforms to Structure             |
| Proton NMR spectrum              | Conforms to Structure             | Conforms to Structure             |



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