

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-18 21:41:09  
 Date of Next Testing: 2029-01-17 21:41:09  
 Product Name: **3-(2-Chloroethyl)octahydro-2-hydroxy-1,3,6,2-oxadiazaphosphonine 2-Oxide**  
 CAS Number: 158401-52-6  
 Specifications & Purity: ≥95%  
 Lot #: B2328819  
 SKU #: **C333301**  
 Version: **2**  
 Analysis #: **633259**  
 Storage Temperature: Store at -20°C, Argon charged

| Parameter            | Limit Values              | Result                    |
|----------------------|---------------------------|---------------------------|
| purity(ELSD)         | 95-100 (%)                | 99.83800 %                |
| Appearance(C333301)  | White to Off-White Powder | White to Off-White Powder |
| 31P NMR spectrum     | Conforms to structure     | Conforms to Structure     |
| Hydrogen NMR Spectra | Confirmed                 | Confirmed                 |



John Su  
QA & QC Manager