

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-09 13:28:22  
 Date of Next Testing: 2029-02-08 13:28:22  
 Product Name: **Phosphoenolpyruvic acid, tris(cyclohexylammonium) salt**  
 CAS Number: 35556-70-8  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C2331831  
 SKU #: **P353301**  
 Version: **1**  
 Analysis #: **648509**  
 Storage Temperature: Store at  $-20^{\circ}\text{C}$

| Parameter                      | Limit Values                            | Result                                  |
|--------------------------------|-----------------------------------------|-----------------------------------------|
| Water by Karl Fischer          | 0-6.5 (%)                               | 3.80 %                                  |
| Carbon by Elemental Analysis   | 51.98-56.32 (%)                         | 52.52 %                                 |
| Nitrogen by Elemental Analysis | 8.66-9.39 (%)                           | 8.81 %                                  |
| Appearance(P353301)            | White to Almost white powder to crystal | White to Almost white powder to crystal |
| NMR Spectrum 1H                | conforms to structure                   | Conforms to Structure                   |
| 31P NMR spectrum               | Conforms to structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager