

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-06 19:36:16

Date of Next Testing: 2026-04-05 19:36:16

Product Name: **Phosphoenolpyruvic acid, tris(cyclohexylammonium) salt**

CAS Number: 35556-70-8

Specifications & Purity: $\geq 98\%$

Lot #: C2331856

SKU #: **P353301**

Version: **1**

Analysis #: **178349**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-6.5 (%)	5.29340 %
Nitrogen by Elemental Analysis	8.66-9.39 (%)	8.70100 %
Carbon by Elemental Analysis	51.98-56.32 (%)	51.99000 %
Appearance(P353301)	White to Almost white powder to crystal	White to Almost white powder to crystal
31P NMR spectrum	Conforms to structure	Conforms to Structure
NMR Spectrum 1H	conforms to structure	Conforms to Structure



John Su
QA & QC Manager