

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-22 15:51:50

Date of Next Testing: 2024-04-21 15:51:50

Product Name: **Pyrethrum extract**

CAS Number: 8003-34-7

Specifications & Purity: analytical standard

Lot #: D2215057

SKU #: **P131624**

Version: **3**

Analysis #: **276598**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.4700-1.5200	1.50000
Assay(HPLC) (Pyrethrin1+Pyrethrin2)	85-100 (%)	88.00000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(Color) (P131624)	Colorless to dark yellow to dark-brown yellow	Colorless to dark yellow to dark-brown yellow
Appearance(Form) (P131624)	Colorless to liquid or viscous-liquid	Colorless to liquid or viscous-liquid



John Su
QA & QC Manager