

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-26 19:16:10
 Date of Next Testing: 2025-06-15 19:16:10
 Product Name: **Propylene carbonate(PC)**
 CAS Number: 108-32-7
 Specifications & Purity: HPLC grade, ≥99.7%
 Lot #: F2309037
 SKU #: **P105725**
 Version: **0**
 Analysis #: **245321**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.419-1.423	1.42180
Purity(GC)	99.7-100 (%)	99.76000 %
UV Absorbance 235nm	0-1	0.50000
UV Absorbance 300nm	0-0.3	0.01500
UV Absorbance 350nm	0-0.05	0.02000
UV Absorbance 400nm	0-0.01	0.00300
Evaporation Residue	0-0.0005 (%)	0.00019 %
UV Absorbance 280nm	0-0.5	0.34000
Water by Karl Fischer	0-0.02 (%)	0.01000 %
UV Absorbance 375nm	0-0.01	0.00600
Appearance (P105725)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
λ, H ₂ O reference	Pass	Pass



John Su
QA & QC Manager