

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-25 13:40:41
 Date of Next Testing: 2027-08-25 13:40:41
 Product Name: **Prostaglandin E1**
 CAS Number: 745-65-3
 Specifications & Purity: Moligand™, ≥98%
 Lot #: H2515115
 SKU #: **P129960**
 Version: **1**
 Analysis #: **327590**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.09000 %
Specific Rotation [α] ₂₀ /D(c=0.2 in EtOH)	-68--64 (°)	-66.31000 °
Carbon by Elemental Analysis	66.1-69.5 (%)	66.13000 %
Water by Karl Fischer	0-1 (%)	0.95000 %
Appearance (P129960)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Acetone , Colorless to Faint Yellow, Clear, 50 mg/ml	pass	Pass



John Su
QA & QC Manager