

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-18 11:40:08  
Date of Next Testing: 2028-03-17 11:40:08  
Product Name: **Prostaglandin E1**  
CAS Number: 745-65-3  
Specifications & Purity: Moligand™, ≥98%  
Lot #: C2611175  
SKU #: **P129960**  
Version: **1**  
Analysis #: **676745**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.76500 %
Carbon by Elemental Analysis	66.1-69.5 (%)	67.91800 %
Water by Karl Fischer	0-1 (%)	0.56650 %
Specific Rotation [α] <sub>20</sub> /D(c=0.2 in EtOH)	-68--64 (°)	-64.01000 °
Appearance (P129960)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR 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