

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-30 14:51:47
Date of Next Testing: 2026-12-30 14:51:47
Product Name: **Prostaglandin E1**
CAS Number: 745-65-3
Specifications & Purity: Moligand™, ≥98%
Lot #: L2423515
SKU #: **P129960**
Version: **1**
Analysis #: **245878**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.76700 %
Carbon by Elemental Analysis	66.1-69.5 (%)	67.92000 %
Water by Karl Fischer	0-1 (%)	0.56670 %
Specific Rotation [α] ₂₀ /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