

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-03 14:36:18

Date of Next Testing: 2027-03-03 14:36:18

Product Name: **Prostaglandin E1**

CAS Number: 745-65-3

Specifications & Purity: Moligand™, ≥98%

Lot #: B2526006

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] <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