

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-21 11:25:34
Date of Next Testing: 2027-12-20 11:25:34
Product Name: **Felodipine**
CAS Number: 72509-76-3
Specifications & Purity: $\geq 98.0\%$
Lot #: L2312429
SKU #: **F123274**
Analysis: **297669**
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Nitrogen by Elemental Analysis | 3.3-4 (%) | 3.66 % |
| Purity(total nitrogen) | 98-100 (%) | 99.62 % |
| Melting point | 142-146 (°C) | 145.78000 °C |
| Purity(HPLC) | 98-100 (%) | 98.16800 % |
| Carbon by Elemental Analysis | 54.8-57.7 (%) | 56.10 % |
| Appearance (F123274) | White to Yellow to Yellow-Green solid | White to Yellow to Yellow-Green solid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility, Yellow to Yellow-Green Clear 20 mg/mL, DMSO | pass | Pass |



John Su
QA & QC Manager