

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-11 16:00:59

Date of Next Testing: 2026-10-10 16:00:59

Product Name: **Azelaic acid**

CAS Number: 123-99-9

Specifications & Purity: Moligand™, ≥99%

Lot #: J2210123

SKU #: **A108439**

Version: **1**

Analysis #: **112724**

Storage Temperature: Room temperature

| Parameter                                                 | Limit Values          | Result                |
|-----------------------------------------------------------|-----------------------|-----------------------|
| Purity (Titration by NaOH)                                | 98.5-101.5 (%)        | 99.99000 %            |
| Melting point                                             | 106-109 (°C)          | 108.99000 °C          |
| Purity(GC)                                                | 99-100 (%)            | 99.12300 %            |
| Appearance (A108439)                                      | white powder          | White powder          |
| Infrared spectrum                                         | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum                                       | Conforms to Structure | Conforms to Structure |
| Solubility, Colorless to light yellow liquid(5%, ethanol) | pass                  | Pass                  |



John Su  
QA & QC Manager