

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-20 10:04:32

Date of Next Testing: 2028-09-19 10:04:32

Product Name: **4,4'-Azobis(4-cyanovaleric acid) (ACVA)**

CAS Number: 2638-94-0

Specifications & Purity:  $\geq 98\%$ , 20% Water

Lot #: I2418125

SKU # **A106307**

Version **0**

**Analysis #:** **400573**

Storage Temperature: Store at 2-8°C

| Parameter                                                | Limit Values             | Result                   |
|----------------------------------------------------------|--------------------------|--------------------------|
| Water by Karl Fischer                                    | 0-20 (%)                 | 15.36670 %               |
| Purity(Neutralization titration)(calcd.on anh.substance) | 97.5-102.5 (%)           | 97.70000 %               |
| Appearance (A106307)                                     | white crystalline powder | white crystalline powder |
| Infrared spectrum                                        | Conforms to Structure    | Conforms to Structure    |
| Proton NMR spectrum                                      | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager