

## Certificate of Analysis

Date of Testing: 2024-08-29 16:48:14  
Date of Next Testing: 2028-08-28 16:48:14  
Product Name: **4,4'-Azobis(4-cyanovaleric acid)**  
CAS Number: 2638-94-0  
Specifications & Purity:  $\geq 98\%$ , water  $\leq 1\%$   
Lot #: H2427485  
SKU #: **A489418**  
Version: **1**  
Analysis #: **400952**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.10 %
Purity(HPLC)	98-100 (%)	99.90000 %
Appearance(A489418)	White crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager