

## Certificate of Analysis

Date of Testing: 2024-08-28 14:40:22

Date of Next Testing: 2026-08-18 14:40:22

Product Name: **Diacetone Acrylamide**

CAS Number: 2873-97-4

Specifications & Purity:  $\geq 99\%$

Lot #: K2208258

SKU #: **D110099**

Version: **0**

Analysis #: **404061**

Storage Temperature: Argon charged

| Parameter                                             | Limit Values                                 | Result                                       |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(GC)                                            | 99-100 (%)                                   | 99.05 %                                      |
| Melting point                                         | 54-58 (°C)                                   | 56.51000 °C                                  |
| Nitrogen by Elemental Analysis                        | 8.1-8.5 (%)                                  | 8.37 %                                       |
| Carbon by Elemental Analysis                          | 62.9-64.8 (%)                                | 63.49 %                                      |
| Appearance (D110099)                                  | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| Infrared spectrum                                     | Conforms to Structure                        | Conforms to Structure                        |
| Solubility in H <sub>2</sub> O , very faint turbidity | pass                                         | Pass                                         |



John Su  
QA & QC Manager