

## Certificate of Analysis

Date of Testing: 2024-10-17 16:08:13  
Date of Next Testing: 2028-10-16 16:08:13  
Product Name: **Diacetone alcohol**  
CAS Number: 123-42-2  
Specifications & Purity:  $\geq 99\%$ (GC)  
Lot #: J2409104  
SKU #: **D103436**  
Version: **1**  
Analysis #: **326901**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.1 (%)	0.01%
Refractive index n <sub>20</sub> /D	1.421-1.426	1.42
Density (20°C)	0.936-0.941	0.94
Acidity (CH <sub>3</sub> COOH)	0-0.01 (%)	0.00%
Purity(GC)	99-100 (%)	99.59%
Appearance (D103436)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager