

## Certificate of Analysis

Date of Testing: 2023-04-26 17:07:46  
Date of Next Testing: 2027-04-25 17:07:46  
Product Name: **Diacetone alcohol**  
CAS Number: 123-42-2  
Specifications & Purity:  $\geq 99.0\%$ (GC)  
Lot #: D2323105  
SKU #: **D103436**  
**Analysis:** **212888**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.1 (%)	0.02 %
Refractive index n <sub>20</sub> /D	1.421-1.426	1.42
Purity(GC)	99-100 (%)	99.22 %
Density (20°C)	0.936-0.941	0.94
Acidity (CH <sub>3</sub> COOH)	0-0.01 (%)	0.00 %
Appearance (D103436)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager