

Certificate of Analysis

Date of Testing: 2023-11-01 17:12:30
Date of Next Testing: 2027-10-31 17:12:30
Product Name: **4-Methyl-2-oxovaleric acid**
CAS Number: 816-66-0
Specifications & Purity: 98%
Lot #: J2327576
SKU #: **M104530**
Analysis: 284326
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|---------------------------------|---------------------------------|
| Refractive index n ₂₀ /D | 1.428-1.432 | 1.43 |
| Density (20°C) | 1.054-1.06 | 1.06 |
| Purity(GC) | 98-100 (%) | 98.65 % |
| Appearance (M104530) | colorless to pale yellow liquid | colorless to pale yellow liquid |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager