

## Certificate of Analysis

Date of Testing: 2022-11-16 12:00:57

Date of Next Testing: 2026-11-15 12:00:57

Product Name: **1-Acetyl-4-piperidone**

CAS Number: 32161-06-1

Specifications & Purity: 98%

Lot #: K2214292

SKU #: **A117232**

**Analysis:** **145788**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                         | Result                               |
|-------------------------------------|--------------------------------------|--------------------------------------|
| Refractive index n <sub>20</sub> /D | 1.501-1.505                          | 1.50                                 |
| Density (20°C)                      | 1.148-1.152                          | 1.15                                 |
| Purity(GC)                          | 98-100 (%)                           | 99.06 %                              |
| Appearance (A117232)                | Colorless to Yellow to Orange Liquid | Colorless to Yellow to Orange Liquid |
| Infrared spectrum                   | Conforms to Structure                | Conforms to Structure                |
| NMR Spectrum 1H                     | Conforms to Structure                | Conforms to Structure                |



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