

## Certificate of Analysis

Date of Testing: 2024-09-25 15:10:17

Date of Next Testing: 2026-09-15 15:10:17

Product Name: **Propionaldehyde**

CAS Number: 123-38-6

Specifications & Purity: AR, ≥97%

Lot #: I2423485

SKU #: **P100053**

Version: **1**

Analysis #: **404618**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.362-1.369           | 1.36                  |
| Density (20°C)                      | 0.798-0.818           | 0.80                  |
| Purity(GC)                          | 97-100 (%)            | 99.78 %               |
| Water by Karl Fischer               | 0-0.5 (%)             | 0.11 %                |
| Appearance (P100053)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager