

## Certificate of Analysis

Date of Testing: 2022-12-21 15:33:01

Date of Next Testing: 2025-12-20 15:33:01

Product Name: **Pyrazole**

CAS Number: 288-13-1

Specifications & Purity: >98.0%(GC)

Lot #: L2217059

SKU # **P100994**

**Analysis:** **162603**

Storage Temperature: Argon charged

| Parameter                                                                       | Limit Values                                                                    | Result                                                                          |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Purity(GC)                                                                      | 98-100 (%)                                                                      | 99.35 %                                                                         |
| Melting point                                                                   | 65-71 (°C)                                                                      | 66.38000 °C                                                                     |
| Appearance (P100994)                                                            | White to cream to yellow to Beige to yellow or Powder or Crystals and/or Chunks | White to cream to yellow to Beige to yellow or Powder or Crystals and/or Chunks |
| Solubility in H <sub>2</sub> O , Clear;<br>Colorless to Yellow ;50mg/ml<br>(5%) | pass                                                                            | Pass                                                                            |
| Infrared spectrum                                                               | Conforms to Structure                                                           | Conforms to Structure                                                           |



John Su  
QA & QC Manager