

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-05 10:17:44  
Date of Next Testing: 2026-05-26 10:17:44  
Product Name: **Benzaldehyde**  
CAS Number: 100-52-7  
Specifications & Purity: Analytical Reagent, ≥98%(GC)  
Lot #: I2209433  
SKU #: **B110460**  
Version: **0**  
Analysis #: **364517**  
Storage Temperature: Protected from light, Desiccated

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.544-1.547                      | 1.54                             |
| Purity(GC)                          | 98-100 (%)                       | 99.60 %                          |
| Chloride (Cl <sup>-</sup> )         | 0-0.05 (%)                       | 0.02 %                           |
| Density (20°C)                      | 1.044-1.048                      | 1.04                             |
| Benzoic acid                        | 0-0.5 (%)                        | 0.01 %                           |
| Appearance (B110460)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager