

**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Formaldehyde, ACS\_

**Catalog Number:** 194047\_

**Lot:** 3688H\_

**Formula:** CH<sub>2</sub>O

**CAS #:** 50-00-0

**Physical Description:** Clear, Colorless Solution

**Formula Weight:** 30.03

**Storage:** Room Temperature

| Test                       | Specification            | Result                   |
|----------------------------|--------------------------|--------------------------|
| Assay                      | 36.5-38.0%               | 37.2%                    |
| Methanol                   | 10-15% (as a stabilizer) | 10-15% (as a stabilizer) |
| Color (alpha)              | ≤10                      | 10                       |
| Residue after Ignition     | ≤0.005%                  | <0.005%                  |
| Titration Acid             | ≤0.006 meq/g             | 0.0039 meq/g             |
| Chloride (Cl)              | ≤5 ppm                   | Passes                   |
| Sulfate (SO <sub>4</sub> ) | ≤0.002%                  | Passes                   |
| Heavy Metals (as Pb)       | ≤5 ppm                   | Passes                   |
| Iron (Fe)                  | ≤5 ppm                   | 5 ppm                    |

06/09/2004 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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