

**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Trifluoroacetic Acid, HPLC Grade.

**Catalog Number:** 300214.

**Lot:** 4714J.

**Formula:** C<sub>2</sub>HF<sub>3</sub>O<sub>2</sub>

**CAS #:** 76-05-1

**Physical Description:** Clear, Colorless Liquid

**Formula Weight:** 114.02

**Storage:** Room Temperature

| Test                              | Specification | Result |
|-----------------------------------|---------------|--------|
| Identity Test                     | Passes        | Passes |
| Purity                            | >99.5%        | 99.9%  |
| Optical Absorbance<br>(0.1% soln) |               |        |
| OD 210 nm                         | <1.00         | 0.33   |
| OD 230 nm                         | <0.15         | 0.04   |
| OD 250 nm                         | <0.01         | 0.007  |
| OD 300 nm                         | <0.005        | 0.003  |
| Water                             | <0.1%         | 0.01%  |

02/09/2007 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)