

**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Acrylamide, electrophoresis grade\_  
**Catalog Number:** 814340; 814343; 814346; 814349\_  
**Lot:** 2949A\_

**Formula:** C<sub>3</sub>H<sub>5</sub>NO

**CAS #:** 79-06-1

**Physical Description:** white powder

**Formula Weight:** 71.1

**Storage:** room temperature

| Test                              | Specification             | Results                   |
|-----------------------------------|---------------------------|---------------------------|
| Purity                            | > 99%                     | 99.91%                    |
| FTIR                              | Conforms to standard      | Conforms to standard      |
| Melting point                     | 82-92 <sup>0</sup> C      | 83.1-86.0 <sup>0</sup> C  |
| OD290nm                           | < 0.10                    | 0.1                       |
| Acrylic acid content              | < 0.01%                   | < 0.005%                  |
| Solubility (40% aqueous solution) | Clear, colorless solution | Clear, colorless solution |

04/29/1998 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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