



**MP Biomedicals, LLC**

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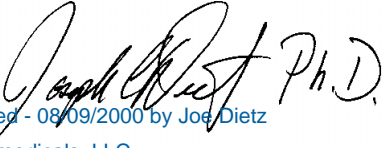
## Certificate of Analysis

**Product Description:** Potassium chloride, ACS\_  
**Catalog Number:** 191427\_  
**Lot:** 9277C\_

**Formula:** KCl  
**CAS #:** 7447-40-7  
**Physical Description:** white crystalline powder

**Formula Weight:** 74.55  
**Storage:** Room Temperature

| Test                                    | Specification | Result                                 |
|-----------------------------------------|---------------|----------------------------------------|
| Identity Test                           | Passes        | Passes                                 |
| Assay                                   | 99.0-100.5%   | 99.92%                                 |
| pH of a 5% sol.                         | 5.4-8.6       | 5.99                                   |
| Insol. matter                           | NMT 0.005%    | 0.002%                                 |
| Iodide                                  | NMT 0.002%    | Passes                                 |
| Bromide                                 | Passes test   | Passes                                 |
| Chlorate and nitrate                    | NMT 0.003%    | Passes                                 |
| Nitrogen compounds                      | NMT 0.001%    | Passes                                 |
| Phosphate                               | NMT 5 ppm     | Passes                                 |
| Sulfate                                 | 0.001%        | Passes                                 |
| Barium                                  | Passes test   | Passes                                 |
| Calcium, magnesium and R2O3 precipitate | NMT 0.005%    | Calcium: 0.0014%<br>Magnesium: 0.0006% |
| Heavy metals (as Pb)                    | NMT 5 ppm     | Passes                                 |
| Iron                                    | NMT 3 ppm     | Passes                                 |
| Sodium                                  | NMT 0.005%    | 0.0045%                                |

  
Approved - 08/09/2000 by Joe Dietz  
MP Biomedicals, LLC.  
Technical Director

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