

**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Pyridoxine Hydrochloride\_

**Catalog Number:** 102777\_

**Lot:** 1001K\_

**Formula:**  $C_8H_{12}ClNO_3$

**CAS #:** 58-56-0

**Physical Description:** White Powder

**Formula Weight:** 205.64

**Storage:** Room Temperature, protect from light

| Test                | Specification             | Result               |
|---------------------|---------------------------|----------------------|
| Identity Test       | Passes                    | Passes               |
| Purity              | $\geq 98.0\%$             | 99.95%               |
| Melting Point       | 202 - 214°C               | 207.2 - 208°C        |
| FTIR                | Conforms to Standard      | Conforms to Standard |
| pH (10% aq soln)    | 2.0 - 4.0                 | 2.54                 |
| Loss on Drying      | $\leq 0.5\%$              | 0.05%                |
| Residue on Ignition | $\leq 0.1\%$              | 0.01%                |
| Heavy Metals        | $\leq 0.003\%$            | # 0.001%             |
| Chloride Content    | 16.9 - 17.6 (dried basis) | 17.18%               |

Melamine: Negative

Mesh Size: 80 ~ 100 mesh

Sulphated Ash: 0.01%

07/08/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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