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Certificate of Analysis

Product Description: Pyridoxine Hydrochloride_**Catalog Number:** 102777_**Lot:** 5297F_**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	$\geq 98.0\%$	99.72%
Melting Point	202 - 214°C	206.3°C
FTIR	Conforms to Standard	Conforms to Standard
pH (10% aq soln)	2.0 - 4.0	2.50
Loss on Drying	$\leq 0.5\%$	0.12%
Residue on Ignition	$\leq 0.1\%$	0.06%
Heavy Metals	$\leq 0.003\%$	0.001%
Chloride Content	16.9 - 17.6 (dried basis)	17.20%

Residue on Ignition: 0.06%

11/05/2002 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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