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Certificate of Analysis

Product Description: Inosine-5'-monophosphate Disodium Salt Hydrate**Catalog Number:** 102050**Lot:** 5029F**Formula:** $C_{10}H_{11}N_4O_8PNa_2 \cdot xH_2O$ **CAS #:** 4691-65-0**Physical Description:** White Powder**Formula Weight:** 392.23 (anhyd.)**Storage:** -0°C

Test	Specification	Result
Identity Test	Passes	Pass
Purity	$\geq 98\%$	99%
FTIR	Conforms to Standard	Pass
UV/VIS: $\square$ max	248 $\pm$ 2 nm	248.0
OD250/OD260	1.7 $\pm$ 0.2	1.6
OD280/OD260	0.3 $\pm$ 0.2	0.2
Moisture	Report Result	26.9%
Solubility (5% aq soln)	Passes	Pass

pH(5% aq.): 7.7

Heavy Metals: <10 ppm,

Arsenium: <2 ppm

12/20/2002 - Joseph Dietz, Ph.D.

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)

