

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Tricine, Electrophoresis Grade_
Catalog Number: 807410; 807413; 807416; 807420_
Lot: 1276K_

Formula: $C_6H_{13}NO_5$

CAS #: 5704-04-1

Physical Description: White Crystals

Formula Weight: 179.17

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99\%$	100.1%
FTIR	Conforms to Standard	Conforms to Standard
OD 260 (0.1 M aq soln) OD 280	≤ 0.1 ≤ 0.1	0.0099 0.0065
pH (1% aq soln)	4.5-5.5	5.1
Moisture	$\leq 0.5\%$	0.3%
Heavy Metals (as Pb)	≤ 10 ppm	<10 ppm

Solubility (0.1 M aq soln): Clear and Complete
pKa (25°C): 8.0

08/06/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

