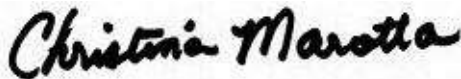


MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: Tricine, Electrophoresis Grade
Catalog Number: 807410; 807413; 807416; 807420
Lot: MR30468**Formula:** C₆H₁₃NO₅
CAS #: 5704-04-1
Physical Description: White Powder**Formula Weight:** 179.17
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	100%
FTIR	Conforms to Standard	Conforms to Standard
OD 260 (0.1 M aq soln) OD 280	≤0.1 ≤0.1	0.006 0.0058
pH (1% aq soln)	4.5-5.5	5.3
Moisture	≤0.5%	0.3%
Heavy Metals (as Pb)	≤10 ppm	<10 ppm

Assay (titr, dried basis): 100.0%
Solubility (0.1 M aq soln): Clear and Complete
pKa (25°C): 8.006/25/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis is an electronically generated document
<mailto:biotech@mpbio.com>
<http://www.mpbio.com>Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site
Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)