MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Theophylline Anhydrous
Catalog Number: 103024
Lot: 4210H

Formula: $C_7H_8N_4O_2$
CAS #: 58-55-9
Physical Description: white powder

Formula Weight: 180.20
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard

Acidity: (BP98) = 0.88 mL; (USP24) = 0.710 mL
Heavy Metals: 20 ppm max.
Related substances: 0.5% max.
Loss on drying: 0.02%
Sulfated ash: 0.06%
OVI: complies (USP24)
Assay: 99.51%

07/22/2004 - Joseph Dietz, Ph.D
MP Biomedicals, LLC.
Technical Director