29525 Fountain Parkway Solon, Ohio 44139



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

Certificate of Analysis

Telephone: 440/337-1200

Toll Free: 800/854-0530

Product Description: Guanidine Hydrochloride, practical grade

Catalog Number: 101905

Lot: Q1192

Formula: CH_sN₃·HCl Formula Weight: 95.53

CAS #: 50-01-1 Storage: Room Temperature, desiccate

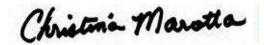
Physical Description: White Powder

Test	Specification	Result
Identity Test	Passes	Passes
Melting Point	175 - 190°C	182.3 -183.8°C
FTIR	Conforms to Standard	Conforms to Standard
pH (6M aq soln)	4 - 7	5.09
Loss on Drying	<u><</u> 1.0%	0.1%
Solubility (6M aq soln)	Relatively Clear to Cloudy Yellow Solution with Sediment on Standing.	Clear, colorless solution

Guanidine hydrochloride: 99.8% Ammonium chloride: 0.2%

Water: 0.1% Turbidity: 0.3 NTU

Recommended retest date: 10/31/2019



12/02/2014 - Christina Marotta MP Biomedicals, LLC. Technical Director