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Certificate of Analysis

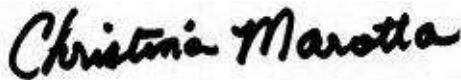
Product Description: Guanidine Hydrochloride, practical grade
Catalog Number: 101905
Lot: M4856

Formula: $\text{CH}_5\text{N}_3\cdot\text{HCl}$
CAS #: 50-01-1
Physical Description: White Powder

Formula Weight: 95.53
Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Melting Point	175 - 190°C	182 - 183.1°C
FTIR	Conforms to Standard	Conforms to Standard
pH (6M aq soln)	4 - 7	4.68
Loss on Drying	≤1.0%	<0.1%
Solubility (6M aq soln)	Relatively Clear to Cloudy Yellow Solution with Sediment on Standing.	Clear Colorless Solution

Assay: 99.5%
Ammonium Chloride: 0.3%
Turbidity: 1.0 NTU



09/05/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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