



Certificate of Analysis

Glycine USP

Catalog Number: GC1004
Lot Number: 0420602
CAS Number: 56-40-6
Molecular Formula: $C_2H_5NO_2$
Molecular Weight: 75.07
Storage: 15°C – 30°C
Date of Manufacture: April 2, 2015
Retest Date: April 1, 2018

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay	98.5 – 101.5%	100.0%
Identification (IR)	To meet requirements	Conforms
Solubility (10% @ 20°C)	Clear, colorless solution	Conforms
pH (10%)	5.5 – 6.6	6.22
Moisture (LOD)	≤ 0.2%	0.01%
Residue on Ignition	≤ 0.1%	0.01%
Hydrolyzable Substances	Conforms to standard	Conforms
Chloride	≤ 0.007%	< 0.006%
Sulfate (SO ₄)	≤ 0.0065%	< 0.006%
Heavy Metals (as Pb)	≤ 0.002%	< 0.001%
Residual Solvents	To meet requirements	Conforms
This lot meets the specifications for USP36.		

Approved by:

Date: April 20, 2016

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojira.fc.com