

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|-----------------------------------------------|
| Catalogue Number | 36923 |
| Product | Glycine, non-animal origin |
| Lot Number | 002895-015008 |
| | Aminoethanoic acid |
| | Aminoacetic acid |
| CAS Number | 56-40-6 |
| Molecular Formula | C ₂ H ₅ NO ₂ |
| Molecular Weight | 75.07 |

| | |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appearance | White crystalline powder |
| Heavy Metals | < 5 ppm (as Pb) |
| Anion | Chloride (Cl) : < 0.003% Sulfate (SO ₄) : < 0.006% |
| Cation | Ammonium (NH ₄) : 0.0% Iron (Fe) : < 10 ppm Arsenic (As ₂ O ₃) : < 1 ppm |
| pH | 6.2 |
| Mould and Yeast | Mould : < 10 cfu/g |
| Transmission | State of solution at 20 °C : 99.6%, Clear and colorless |
| Loss on Drying | 0.0% |
| E. Coli | Negative |
| Endotoxin Test | < 6.0 EU/g |
| Microbial Count | < 100 cfu/g (Total microorganism) |
| Related Substances | Glycine anhydride : < 0.1% Monochloroacetic acid : < 0.1% Iminodiacetic acid : < 0.1% Diglycine : < 0.1% Triglycine : < 0.1% Hexamethylenetetramine : < 0.1% Total impurities : < 1.0% |
| Residue On Ignition | 0.0% |
| Assay | 99.5% |
| Grade | USP, EP, JP |
| Storage | Store at RT |

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Additional Information

Identification : Passes test
Hydrolyzable substances : Passes test

Remarks

See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager