**HEBEI HUAYANG BIOLOGICAL TECHNOLOGY CO.,LTD**
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# CERTIFICATE OF ANALYSIS

| | | |
|---|---|---|
| Product Name: Glycine | Quantity: 1000 kg | Batch No:2512260764 |
| Packing:25kg/drum | Producing date:2025.07.30 | Shelf life : Two years |
| Reference standard: USP40 | | |
| Item | Specifications | Results |
| Perception | White crystalline powder<br>Odourless | Conforms |
| Appearance of solution | Clear | Conform |
| Identification IR | Meets the requirement | Conforms |
| Assay ($C_2H_5NO_2$),% | 98.5~101.5 | 99.5 |
| Chloride (as Cl),% | ≤0.007 | ＜0.007 |
| Heavy metals (as Pb),% | ≤0.001 | ＜0.001 |
| Sulfate(as $SO_4$),% | ≤0.0065 | ＜0.0065 |
| Loss on drying,% | ≤0.2 | 0.10 |
| Residue on ignition,% | ≤0.1 | 0.03 |
| Hydrolyzable substances | Complies | Complies |
| Lead | ≤0.0005 % | <0.0005 % |
| Chromatographic purity | Meets the requirements | Conforms |
| Organic volatile impurities` | Meets the requirements | Conforms |
| Conclusion: This product conforms to requirements of USP40 standard. | | |

Inspectors: Jia Jingtan

Checker:Duan lan