

BaseBulk

CERTIFICATE OF ANALYSIS

| | |
|--------------------|----------------------------------|
| Product Name | Glycine |
| Batch Number | 2412261222 |
| Production Date | December 6, 2024 |
| Expiry Date | December 5, 2028 |
| Reference Standard | USP39 / E640(i) without AC agent |

Physical & Chemical Characteristics

| Analysis Item | Specification | Result |
|-------------------------------|--------------------------|--------------|
| Appearance | White crystalline powder | Conforms |
| Odour | Odourless | Conforms |
| Appearance of Solution | Clear | Conforms |
| Identification (IR) | Meets the requirement | Conforms |
| Assay | 98.5–101.5 | 99.5 |
| Chloride (as Cl) | $\leq 0.007\%$ | $< 0.007\%$ |
| Sulfate (as SO ₄) | $\leq 0.0065\%$ | $< 0.0065\%$ |
| Loss on Drying | $\leq 0.2\%$ | 0.10% |
| Residue on Ignition | $\leq 0.1\%$ | 0.04% |
| Hydrolyzable Substances | Complies | Complies |
| Chromatographic Purity | Meets the requirements | Conforms |
| Organic Volatile Impurities | Meets the requirements | Conforms |

Heavy Metals

| Analysis Item | Specification | Result |
|----------------------|-----------------|--------------|
| Heavy Metals (as Pb) | $\leq 0.001\%$ | $< 0.001\%$ |
| Lead | $\leq 0.0005\%$ | $< 0.0005\%$ |
| Arsenic | ≤ 1 ppm | < 1 ppm |
| Mercury | ≤ 0.1 ppm | < 0.1 ppm |