 上海源聚生物科技有限公司

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 L-精氨酸质量报告

成品名称: L-精氨酸 批号：190730

CAS:74-79-3 有效期：二年

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| **项 目** | **标 准** | **结 果** |
| Description | White crystalline powder | White crystalline powder |
| Identification | Conform | Conform |
| State of solution(Transmittance) | Clear and colorless, not less than 98.0% | 99.8% |
| pH | 10.5to12.0 | 11.0 |
| Specific rotation [α]20D | +26.9to+27.9゜ | +27.3゜ |
| Ammonium (NH4) | ≤0.02% | <0.02% |
| Chloride (Cl) | ≤0.020% | <0.020% |
| Sulfate (SO4) | ≤0.020% | <0.020% |
| Iron (Fe) | ≤0.001% | <0.001% |
| Heavy metals (Pb) | ≤10ppm | <10ppm |
| Arsenic (As2O3) | ≤0.0001% | <0.0001% |
| Loss on drying | ≤0.50% | 0.11% |
| Ash (Sulfated) | ≤0.10% | 0.03% |
| Other amino acids | ≤0.4% | <0.4% |
| Assay | ≥99.0 % | 99.9 |