



Zhengzhou Yuanli Biological Technology Co., Ltd.

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Certificate of Analysis

质量检验单

| Product Name (产品名称): Cytosine (胞嘧啶) | Batch No. (批号): 2020122101 | |
|---|--|---------------------------------------|
| CAS No. (CAS 号): 71-30-7 | Quantity (批量): 1000kg | |
| Manufacturing Date (生产日期): 12/21/2020 | Retest Date (复检日期): 12/20/2022 | |
| Sampling Date (送检日期): 12/21/2020 | Report Date (报告日期): 12/22/2020 | |
| Test Items(检测项目) | Requirements (标准) | Results (结论) |
| Character (性状) | White or almost white crystalline powder (白色或类白色结晶性粉末) | White crystalline powder (白色结晶性粉末) |
| Solubility (溶解度) | Transparent without suspended matter (透明无悬浮颗粒) | Complies (符合规定) |
| Loss on drying (干燥失重) | ≤0.5% | 0.09% |
| Residue on ignition (炽灼残渣) | ≤0.1% | 0.07% |
| Heavy metal (重金属) | ≤10 ppm | Complies (符合规定) |
| Uracil (尿嘧啶) | ≤0.5% | 0% |
| Max. Single unknown impurity (最大单一未知杂质) | ≤0.5% | 0.022% |
| Purity (纯度) | ≥99.0% | 99.928% |
| Assay(dry basis) (含量, 以干基计) | 98.5%~102.0% | 98.70% |
| Conclusion (结论) | The product complies with enterprise standard. (产品符合企业标准。) | |
| Checker (检验人): Yanyan Zhang | Rechecker (复检人): Jin Jin | Supervisor (主管): Xuezhe Han |