

杭州铠朋生物技术有限公司  
HANGZHOU KAIPENG BIOTECHNOLOGY CO.,LTD

检验报告单  
CERTIFICATE OF ANALYSIS

检验单编号：No.CP2018032301

|  |                                      |
|--|--------------------------------------|
| 品名 Product: Uridine 5'-Triphosphate Trisodium salt (UTP-Na3) |                                      |
| 批号 Batch No.: 180301   | 数量: Quantity:5.0kg                   |
| 生产日期 Manufacture date: Mar.1st, 2018                         | 检验日期 Date of Request: Mar.21st, 2018 |
| 报告日期 Date of Report: Mar.23rd, 2018                          | 有效日期 Expiry date: Feb. 2020          |
| 检验依据 Analysis according: 企业标准: Enterprise Standard           |                                      |

|                  | 项目<br>Items                               | 标准<br>Requirements   | 检测结果<br>Results   |
|------------------|---|--|---|
| (1)              | 性状<br>Description                         | 白色或类白色粉末，无味，无臭，有引湿性<br>White powder or off- white powder, tasteless and odorless, hygroscopicity   | 合格<br>Complies  |
| (2)              | 鉴别<br>Identification                      | (1)在 262±1nm 波长处有最大吸收<br>Have the maximum absorption at 262±1nm<br>(2) A250/A260=0.70~0.80<br>A280/A260=0.33~0.43<br>(3) 本品的水溶液显钠盐的鉴别反应<br>The aqueous solution of this product display significant sodium reaction. | (1) 261.6nm<br>(2) 0.74<br>0.38<br>(3) 符合规定<br>Complies |
| (3)              | 酸度<br>PH                                  | 3.0~7.0  | 6.5   |
| (4)              | 溶液澄清度与颜色<br>Clarity and color of solution | 应澄清无色<br>Clear and colorless   | 符合规定<br>Complies  |
| (5)              | 蛋白质<br>Protein                            | 不得混浊<br>No turbidity   | 符合规定<br>Complies  |
| (6)              | 干燥失重<br>Loss on drying                    | ≤15%   | 7.1%  |
| (7)              | 重金属<br>Heavy metals                       | ≤20ppm   | 符合规定<br>Complies  |
| (8)              | 氯化物<br>Chloride                           | ≤0.2%  | 符合规定<br>Complies  |
| (9)              | 纯度<br>Purity (HPLC)                       | ≥95.0%   | 97.5%   |
| (10)             | 含量<br>Assay                               | ≥90.0%   | 96.1%   |
| 结论<br>Conclusion |   | 符合规定<br>Meet the requirement   |   |

负责人 Chief of QC.: 刘美珍

检验员 Analyst: 周志英

复核员 Approved by: 竺佩芝