



烟台兆易生物科技有限公司

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# 化验报告单

## Certificate of Analysis

|                          |                           |                      |                      |
|--------------------------|---------------------------|----------------------|----------------------|
| 品名:<br>Product name      | 柠檬酸钾<br>Potassium Citrate | 代码:<br>Cas:          | ZYNMJ01<br>6100-05-6 |
| 批号:<br>Batch No          | 20260412ZYNMJ01           | 数量:<br>Quantity      | 4000KG               |
| 生产日期:<br>Mfg date        | 2026.04.12                | 有效期至:<br>Expiry date | 2028.04.11           |
| 送检日期:<br>Inspection date | 2026.04.12                | 报告日期:<br>Report date | 2026.04.18           |

| 检测项目<br>Test items                      | 标准规定<br>Test standard                               | 检验结果<br>Test result     | 检测方法<br>Test method      |
|---|---|-------------------------|--------------------------|
| 性状 Character                            | 白色结晶性粉末或颗粒<br>White crystalline powder or particles | 白色颗粒<br>white particles | USP NF 2024              |
| 干燥失重 Loss on drying                     | 3.0%-6.0%   | 3.6%                    | USP NF 2024<731>         |
| 柠檬酸钾含量(干基)<br>Potassium Citrate Content | 99.0%-100.5%  | 99.3%                   | USP NF 2024              |
| 钙盐 Calcium salt                         | ≤ 0.02%   | < 0.02%                 | USP NF 2024              |
| 易炭化物 Easy to carbonize                  | ≤ 1.0%  | < 1.0%                  | USP NF 2024              |
| 硫酸盐 Sulfate                             | ≤ 0.015%  | < 0.015%                | USP NF 2024<221>         |
| 草酸盐 Oxalate                             | ≤ 0.03%   | < 0.03%                 | USP NF 2024              |
| 氯化物 Chloride                            | ≤ 0.005%  | < 0.005%                | USP NF 2024<221>         |
| 透光率 Transmittance                       | > 95.0%   | 99.1%                   | USP NF 2024              |
| 碱度 Alkalinity                           | Pass the test                                       | Pass the test           | USP NF 2024              |
| 水不溶物<br>Water insoluble substance       | Pass the test                                       | Pass the test           | USP NF 2024              |
| 铅 Lead                                  | ≤ 2 ppm   | < 2 ppm                 | USP NF 2024<251>         |
| 砷 Arsenic                               | ≤ 1 ppm   | < 1 ppm                 | USP NF 2024<211>         |
| 铁 Iron                                  | ≤ 5 ppm   | < 5 ppm                 | USP NF 2024<241>         |
| 菌落总数 Total Plate Count                  | ≤ 1000 cfu/g  | < 1000 cfu/g            | USP NF 2024<2021>/<2022> |
| 酵母菌及霉菌<br>Total Yeast&Mold              | ≤ 100 cfu/g   | < 100 cfu/g             | USP NF 2024<2021>/<2022> |
| 金黄色葡萄球菌<br>Staphylococcus aureus        | Negative  | Negative                | USP NF 2024<2021>/<2022> |
| 沙门氏菌 Salmonella                         | Negative  | Negative                | USP NF 2024<2021>/<2022> |
| 大肠杆菌 Escherichia Coli                   | Negative  | Negative                | USP NF 2024<2021>/<2022> |

结论: 本品按 ZYNMJ01 检验, 结果 符合规定。

Conclusion: this product according to ZYNMJ01 test, the results conform to the provisions.

报告人:  
Reporter:

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Inspector:

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复核人:  
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