

CERTIFICATE OF ANALYSIS

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|--|---|-----------------------------------|----------|
| 产品名称 Product name | 碘化钾 Potassium iodide | Batch No. | 20230405 |
| 规格 specification | 25 公斤/桶 | Test date | 20230405 |
| 执行标准 Perform standard | 中国药典 CP2020 版二部 CP2020 standard | Report date | 20230405 |
| 检测项目 Item of analysis | 标准 Standard | 检测结果 Result of analysis | |
| 【性状】 Description | 无色结晶或白色结晶性粉末 Colorless or white powder | 符合规定 conform | |
| 澄清晰度 clarity | 浊度不得大于 3 号标准 Turbidity shall not be greater than No. 3 standard | 符合规定 conform | |
| 水不溶物 Water insoluble substance | ≤0.01% | 0.005% | |
| 碱度 PH | 6.0~8.0 | 7.5 | |
| 氯化物及溴化物 Cl Chlorid and bromide | ≤0.02% | <0.01% | |
| 碘酸盐及碘 Iodate and iodine | ≤0.002% | <0.002% | |
| 硫酸盐 Sulfate | ≤0.005% | <0.005% | |
| 磷酸盐 Phosphate | ≤0.002% | <0.002% | |

| | | |
|---|------------------|----------------|
| 钠 Na | $\leq 0.10\%$ | 0.09% |
| 钡 Ba | $\leq 0.002\%$ | $< 0.002\%$ |
| 镁 Mg | $\leq 0.002\%$ | 0.0015% |
| 铁 Fe | $\leq 0.0003\%$ | $< 0.0003\%$ |
| 钙 Ca | $\leq 0.002\%$ | 0.0013% |
| 砷 AS | $\leq 0.00002\%$ | $< 0.0002\%$ |
| 重金属 Heavy metal | $\leq 0.0005\%$ | $< 0.0004\%$ |
| 【含量测定】 purity | $\geq 99\%$ | 99.3% |
| Loss on drying at 150 C | $\leq 0.2\%$ | 0.2% |
| 结论：符合 CP2020 标准 Conclusion : Conform CP2020 standard | | |