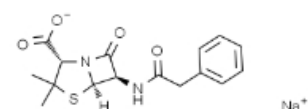


# Product Specification

## Reference Standards

|                     |   |
|---------------------|---|
| 产品货号 / Cat No.      | SP9820                                  |
| 中文名称 / Chinese Name | 青霉素G钠盐                                  |
| 英文名称 / English Name | Penicillin G sodium salt                |
| CAS No.             | 69-57-8                                 |
| 分子式 / Formula       | $C_{16}H_{17}N_2NaO_4S$                 |
| 分子量 / Molecular Wt. | 356.37                                  |
| 保存 / Storage        | 2-8°C (sealed storage, away from light) |



|                     |                                    |
|---------------------|------------------------------------|
| 外观 / Appearance     | 白色至类白色粉末/White to off-white Powder |
| 纯度 / Purity         | HPLC≥98%                           |
| 溶解性 / Solubility    | ≥10mg/mL in Water                  |
| 复检期 / Retest Period | 2 years                            |

### Note

储备液建议分装冻存,避免反复冻融(-20°C,1个月);稀释后的工作液建议现用现配/It is recommended to freeze the stock solution in several small portions to avoid repeated freezing and thawing (- 20 °C, 1 month); The working solution is recommended to be used immediately after dilution

### References

[1] Weimin Ni, Yan Fang, Ling Xie, Xue Liu, Wei Shan, . Adipose-Derived Mesenchymal Stem Cells Transplantation Alleviates Renal Injury in Streptozotocin-Induced Diabetic Nephropathy. Journal of Histochemistry & Cytochemistry. (IF 1.9530)

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