

# Product Specification

## Reference Standards

产品货号 / Cat No. SS8820

中文名称 / Chinese Name D(+)-蔗糖

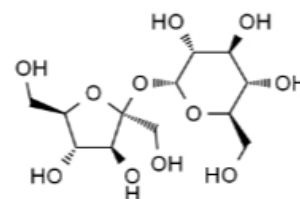
英文名称 / English Name D(+)-Sucrose

CAS No. 57-50-1

分子式 / Formula  $C_{12}H_{22}O_{11}$

分子量 / Molecular Wt. 342.29

保存 / Storage RT (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 $\geq$ 98%

溶解性 / Solubility Soluble 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] Li Y; Guo X; Tian Y; Zhang T; Luo Z; Liu X; Qian C. Methylation in combination with temperature programming enables rapid identification of polysaccharides by ambient micro-fabrication glow discharge plasma (MFGDP) desorption ionization mass spectrometry. Talanta. (IF 4.9160)

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