



Cat No. PG-5840-100G

Product Name: HEPES, Sodium Salt, 100G

CAS No. 7365-45-9

Usage :

- Recommended working concentration: 10-25 mM
- A buffer solution of HEPES can be prepared by any of several methods. The free acid can be added to water, then titrated with sodium hydroxide or potassium hydroxide to the pH desired. Alternatively, equimolar concentrations of HEPES and of sodium HEPES (PG-5840-100G) can be mixed in approximately equal volumes, back-titrating with either solution to the appropriate pH.
- This product is a high quality reagent, but has not been evaluated for use in cell culture.

Please employ appropriate contaminant testing and/or sterilization techniques for the intended application.

Appearance	Powder
Physical State	Solid
Solubility	Soluble in water (1 M at 20° C).
Storage	Store at room temperature
Melting Point	234° C (dec.)
Boiling Point	210-215° C
Density	1.33 g/cm ³ (Predicted)
Refractive Index	n ²⁰ _D 1.54 (Predicted)
pK Values	pK _a : 7.5, pK _b : 6.52

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