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**Product Data Sheet**


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Product Name: Calcium Gluceptate

Cat. No.: GC11242

**Chemical Properties**

Cas. No. 17140-60-2

Chemical Name calcium;(2R,3R,4S,5R,6R)-2,3,4,5,6,7-hexahydroxyheptanoate

SMILES C(C(C(C(C(C(=O)[O-])O)O)O)O)O)O.C(C(C(C(C(C(=O)[O-])O)O)O)O)O)O.[Ca+2]Formula C<sub>14</sub>H<sub>26</sub>CaO<sub>16</sub> M.Wt 490.42

Solubility ≥ 89.2mg/mL in Water, ≥ 4.90mg/mL in DMSO with gentle warming Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Calcium Gluceptate is generally immediately available in most volumes, including bulk quantities. American Elements produces to many standard grades when applicable, including Mil Spec (military grade); ACS, Reagent and Technical Grade; Food, Agricultural and Pharmaceutical Grade; Optical Grade, USP and EP/BP (European Pharmacopoeia/British Pharmacopoeia) and follows applicable ASTM testing standards. Typical and custom packaging is available, as is additional technical and safety (MSDS) data. Please contact us for information on lead time and pricing above.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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