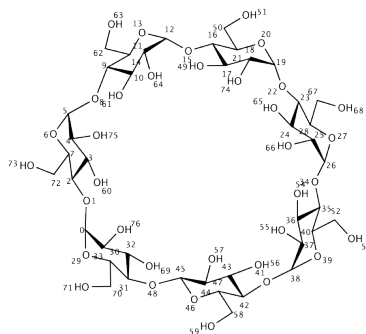


## Product Specification

Product Name : Sulfobutyl ether beta-cyclodextrin sodium  
Glentham Code : GP8988  
CAS Number : 182410-00-0  
PubChem SID : 310280407  
  
Molecular Weight : 2242.05  
Molecular Formula : C70H119Na7O56S7  
Storage Temp. : +20°C



Property	Specification
Physical Description	White to off-white powder
Identification	To pass tests A, B, C, D
Solubility (30% in water)	Clear, colourless solution
pH (30% in water)	4.0 - 6.8
Heavy Metals	≤ 5ppm
beta-Cyclodextrin	≤ 0.1%
1,4-Butane Sultone	≤ 0.5ppm
Sodium Chloride (NaCl)	≤ 0.2%
4-Hydroxybutane-1-sulfonic Acid	≤ 0.09%
Bis(4-sulfobutyl) Ether Disodium	≤ 0.05%
Total Aerobic Microbial Count	≤ 100CFU/g
Total Yeast and Mould Count	≤ 50CFU/g
E. Coli	Absent
Water	≤ 10.0%
Average Degree of Substitution	6.2 - 6.9
Assay	95.0 - 105.0 %
Pharmacopoeia Specification(s)	USP

Specification Version : v1.1  
Date Created : 2017-07-10

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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