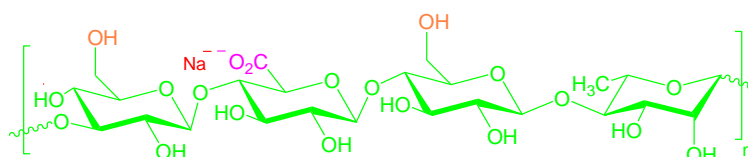


Product Specification

Product Name	Gellan Gum Sodium Gellan Gum
Product Number	501010
CAS Number	71010-52-1
MDL	MFCD00131909
M.F.	$C_{14}O_{12}H_{21}Na$
M.W. (Repeat Unit)	404.30 g.mol⁻¹
Compound CID	-
Storage Temperature	Room Temperature
Manufacture Date	



Test	Specification
Appearance (Form)	Powder
Appearance (Color)	White to Light Yellow
Infrared spectrum	Corresponds to Reference Spectrum
Purity (Titration)	≥ 98 %
Molecular Weight	1,000 kg/mol
Solubility	
(Water)	Soluble (up to c = 30 mg.mL⁻¹)
(Common organic solvents)	Insoluble
Solubility (Color)	Clear to Yellow
Solubility (Turbidity)	Clear
(c = 10 mg.mL ⁻¹ ; Water)	
pH	6 – 7
(c = 10 mg.mL ⁻¹ ; Water)	
Recommended Retest Period	180 days