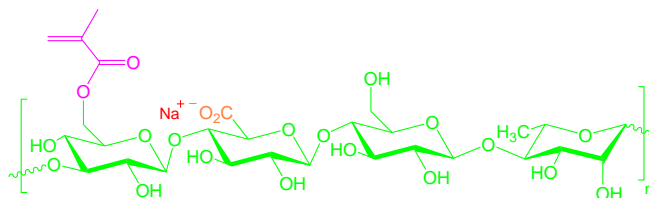


Product Specification

Product Name	Methacrylated Gellan Gum Sodium Gellan Gum Methacrylate
Product Number	503310
CAS Number	-
MDL	-
M.F.	$C_{14}O_{12}H_{21}Na$ ($\times n C_4OH_5$)
M.W. (Repeat Unit)	404.30 ($\times n 69.08$) $g \cdot mol^{-1}$
Compound CID	-
Storage Temperature	- 4 °C
Manufacture Date	



Test	Specification
Appearance (Form)	Powder
Appearance (Color)	White to Light Yellow
Infrared spectrum	Corresponds to Structure
Purity (Titration)	$\geq 98 \%$
Molecular Weight	1,000 kg/mol
Degree of Substitution	0 – 6%
Solubility	
(Water)	Soluble (up to $c = 30 \text{ mg} \cdot \text{mL}^{-1}$)
(Common organic solvents)	Insoluble
Solubility (Color)	Clear to Yellow
Solubility (Turbidity)	Clear
($c = 10 \text{ mg} \cdot \text{mL}^{-1}$; Water)	
pH	6 – 7
($c = 10 \text{ mg} \cdot \text{mL}^{-1}$; Water)	
Recommended Retest Period	90 days