

## Specification

### Gellan Gum

**A5345**

<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A5345
<b>Product Name:</b>	Gellan Gum
<b>Specifications:</b>	Loss on drying: max. 15 %
<b>WGK:</b>	2
<b>Storage:</b>	RT
<b>CAS:</b>	71010-52-1
<b>EINECS:</b>	275-117-5
<b>CS:</b>	39139000
<b>Comment</b> <p>Gellan gum is a naturally-derived gelling agent, which can be used in place of agar. It produces clear gels in aqueous systems and may be used in microbiological applications and in plant tissue culture. It can be autoclaved. Please note that Gellan gum autoclaved in deionized water won't form a gel! Gelation requires cations, of wich magnesium (usually added as magnesium sulfate) gives best results. PBS may be used as well. The Gellan gum concentration may be reduced by half in comparison to agar. The working concentration may be as low as 6 - 8 g/L</p>	

#### AppliChem GmbH

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • [info.de@itwreagents.com](mailto:info.de@itwreagents.com) • [www.itwreagents.com](http://www.itwreagents.com)  
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340