

Specification

**Glycerol (Reag. USP) for analysis, ACS, Molecular biology grade, BioChemica**

**131339**

<b>Refractive Index:</b>	n <sub>20</sub> /D 1.4740
<b>Physical Description:</b>	Liquid
<b>Product Code:</b>	131339
<b>Product Name:</b>	Glycerol (Reag. USP) for analysis, ACS, Molecular biology grade, <i>BioChemica</i>
<b>Specifications:</b>	<p>DNases/RNases/Proteases: not detectable</p> <p>Assay (GC): min. 99.5 %</p> <p>Chlorine compounds (as Cl): max. 0.003 %</p> <p>Identity (IR): passes test</p> <p>Density (d 20°C/4°C): 1.257 - 1.261</p> <p>Color no.: max. 10 APHA</p> <p>Acidity: max. 0.0005 meq/g</p> <p>Alkalinity: max. 0.0003 meq/g</p> <p>Insoluble matter in H<sub>2</sub>O: passes test</p> <p>Darkened substances by H<sub>2</sub>SO<sub>4</sub>: passes test</p> <p>Residue on ignition (as SO<sub>4</sub>): max. 0.005 %</p> <p>Heavy metals (as Pb): max. 0.0001 %</p> <p>Neutrality: passes test</p> <p>Fatty acid esters (as C<sub>15</sub>H<sub>26</sub>O<sub>6</sub>): max. 0.02 %</p> <p>Acrolein and glucose: passes test</p> <p>Water (H<sub>2</sub>O): max. 0.5 %</p> <p>Chloride: max. 0.0001 %</p> <p>Sulfate: max. 0.0005 %</p> <p>Ammonium: max. 0.0005 %</p> <p>As: max. 0.00004 %</p> <p>Fe: max. 0.0001 %</p> <p>Pb: max. 0.0001 %</p> <p>Cu: max. 0.0001 %</p> <p>Ni: max. 0.0001 %</p> <p>A (1 cm/2 M in H<sub>2</sub>O)</p>

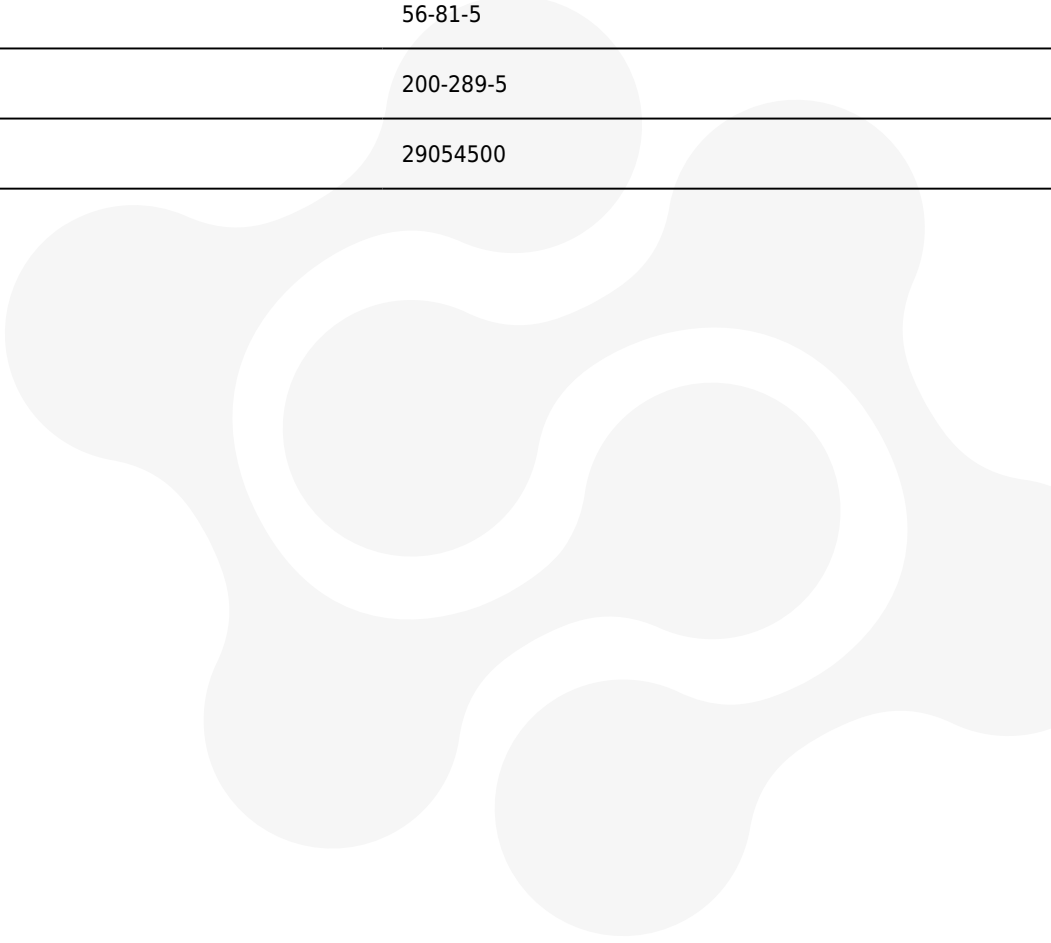
**AppliChem GmbH**

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 007 225 00192 • Register court Darmstadt HRB Nr. 7340

Specification

**Glycerol (Reag. USP) for analysis, ACS, Molecular biology grade, BioChemica**

**131339**

	260 nm: max. 0.05 280 nm: max. 0.05
<b>WGK:</b>	1
<b>Storage:</b>	RT
<b>Origin:</b>	from plants (non-animal origin!)
<b>Molecular Formula:</b>	C <sub>3</sub> H <sub>8</sub> O <sub>3</sub>
<b>M:</b>	92.10 g/mol
<b>CAS:</b>	56-81-5
<b>EINECS:</b>	200-289-5
<b>CS:</b>	29054500
	

**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 007 225 00192 • Register court Darmstadt HRB Nr. 7340