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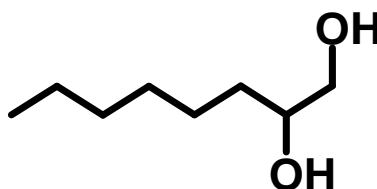
## Product Specifications

### **1,2-Octanediol, >99%**

**CAS** 1117-86-8

**Syn:** Capryl Glycol; Octane-1,2-diol

**Structure:**



**Mol. Formula**  
**Source**

**C<sub>8</sub>H<sub>18</sub>O<sub>2</sub>**  
*Synthetic*

**Mol. Wt.**

146.23

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**Test****Specification**

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<b>Identity</b>	IR, H-NMR
<b>Appearance</b>	White (cast) solid
<b>APHA</b>	< 50
<b>Bp</b>	131 – 132 °C / 10 mm Hg
<b>Mp</b>	35 - 37 °C
<b>Assay</b> (glpc)	> 99%
<b>pH</b> (10% aqueous solution)	7-8
<b>Water</b> (K-F)	< 1%
<b>Hydroxyl Number</b> (mg KOH/g)	740-770

**Storage:** Maintain in cool, dry containment.

### **Anti-microbial Effect**

	<b>MIC Test (CTFA method)</b>			
	<b>1,2-Octanediol (%)</b>			
<b>Microorganism</b>	<b>E.Coli</b>	<b>P.aeruginosa</b>	<b>S.aureus</b>	<b>C.albicans</b>
<b>MIC (%)</b>	0.6	1.5	0.6	0.3