

**INTER-CHEMIE LIMITED**

Add: 201, Unit 2, Block B1, Harbour City, Dalian, China  
Tel: 86- 411-82539920  
Fax: 86- 411-82539230  
Website: www.inter-chemie.com

## Technical Data Sheet

### *Dextrose Monohydrate*

<b>COMMERCIAL NAME:</b>	<i>Dextrose Monohydrate</i>	<b>FORMULA:</b>	$C_6H_{12}O_6 \cdot H_2O$
<b>SYNONYM:</b>	<i>D-Glucose Monohydrate</i>	<b>CAS No.:</b>	5996-10-1

<b>APPEARANCE:</b> White crystal or crystalline powder	
<b>Identification &amp; Solubility:</b>	Pass test
<b>DE Value:</b>	99.5 Min.
<b>Glucose Content(on dry base):</b>	99.50% Min.
<b>Acidity:</b>	0.20ml Max.
<b>Specific Rotation:</b>	+52.0 ° – 53.5 °
<b>Loss on drying:</b>	9.5% Max.
<b>PH:</b>	4.0-6.0
<b>Residue by burning:</b>	0.25% Max.
<b>Chloride:</b>	0.01% Max.
<b>Heavy metals(as Pb):</b>	5ppm Max.
<b>Total plate count:</b>	1000Cfu/g Max.
<b>Coliform:</b>	10Mpn/g Max.
<b>Yeast &amp; Mold:</b>	30Cfu/g Max.
<b>Salmonella:</b>	none

<b>PACKING:</b> 25kg Bag
(Max.800bags/20MT in 1X20'FCL)