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# Specification

## Technical Data Sheet

<b>Product Name</b>	D-(+)-Trehalose dihydrate
<b>Product No</b>	15982280
<b>CAS Number</b>	6138-23-4
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	378.33
	<b>Specification</b>
<b>Melting Point</b>	96.5-97.5
<b>Lead</b>	5ppm max
<b>AS</b>	5ppm max
<b>pH</b>	5.0 to 6.7
<b>Loss on Drying</b>	1.5% max
<b>Colour</b>	0.1% max
<b>Assay</b>	98% min
<b>Turbidity</b>	4NTU max (1% in water)
<b>Residue on Ignition</b>	0.04%
<b>Specific optical rotation</b>	177 - 201
<b>Total Number of Colonies</b>	<300 cfu/g
<b>Appearance</b>	White crystalline powder