



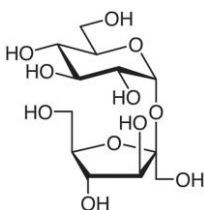
## Certificate of Analysis.

**Sucrose secondary standard, certified reference material (CRM), AnStan®.**

Product code:	<b>BS14446.</b>
Description:	<b>Sucrose secondary standard, certified reference material (CRM), AnStan®.</b>
Chemical Name:	<b>D (+)-Saccharose.</b>
Pack:	<b>5 gm.</b>
CAS NO.:	<b>57-50-1.</b>
Mol. Weight:	<b>342.3 g/mol.</b>
Mol. Formula:	<b>C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>.</b>
MDL Number:	<b>MFCD00006626.</b>
Melting point:	<b>186°C.</b>
Boiling Point:	<b>397.76 °C.</b>
Density:	<b>1.587 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in water.</b>
Storage:	<b>Store in a cool and dry place.</b>
Batch No:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Test	Specification	Measured Values
Appearance (Colour):	White.	<b>Lot specific.</b>
Appearance (Form):	Powder to crystal.	<b>Lot specific.</b>
Identification by NMR:	Confirms to the structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to the structure.	<b>Lot specific.</b>
Identification by IR:	Confirms to the structure.	<b>Lot specific.</b>
Specific optical rotation:	+65.9° to +67.0° (C=26, H <sub>2</sub> O).	<b>Lot specific.</b>
Purity by Mass balance:	>99.8%.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



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