



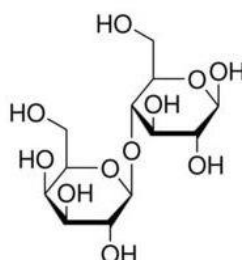
Certificate of Analysis.

β-lactose reference standard, AnStan®.

Product code:	BS14367.
Description:	β-lactose reference standard, AnStan®.
Chemical Name:	β-D-glucopyranose.
Pack:	5 gm.
CAS NO.:	5965-66-2.
Mol. Weight:	342.30 g/mol.
Mol. Formula:	C₁₂H₂₂O₁₁.
MDL Number:	MFCD00064521.
Melting point:	224 °C.
Boiling Point:	667.9 °C.
Density:	1.8 g/cm³.
Solubility:	Soluble in water.
Storage:	Store at 2-8°C Refrigerator.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Test	Specification	Measured Values
Appearance:	White to off-white powder.	Lot specific.
Specific rotation (α):	+54.4° to +55.9° (20°C, 589nm) (c=10, H ₂ O/NH ₃).	Lot specific.
Identification by NMR:	Confirms to the structure.	Lot specific.
Identification by MASS:	Confirms to the structure.	Lot specific.
Identification by IR:	Confirms to the structure.	Lot specific.
TGA:	<1 %.	Lot specific.

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.




Dr. K. Deepti.
Technical Head.

