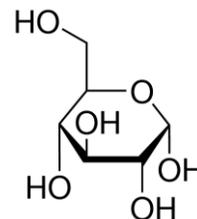


**Department: Quality Control**
**Document No: LCPL/QSD/QAD/11**
**SOP No.: SOP/QC/11-D001**
**SPECIFICATION : DEXTROSE ANHYDROUS LR**

<b>Issue date</b>	02/04/2018	<b>Review date</b>	01/04/2023	<b>Location</b>	<b>All Units</b>
<b>Version No.:</b>	00	<b>Supersedes</b>	--	<b>Page No</b>	1 of 1

**PRODUCT DETAILS**

1	Molecular Formula	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
2	Product code	D001
3	Molecular weight	180.16
4	CAS No	50-99-7
5	Risk Statement No	---
6	Safety Statement No	24/25
7	UN No.	---


**PACKING DETAILS**

	Product code	Pack size
1	D00110	500g
2	D00113	5Kg
3		

**PRODUCT SPECIFICATION**

SL. No.	TEST PARAMETERS	LIMITS
1	Description	A white crystalline powder.
2	Clarity	10% solution in water is clear & colourless.
3	Specific optical rotation	Between +52.5° and 53.3°
4	pH (10% aqueous solution)	Not less than 5.8
5	Melting range	Between 145.0°C and 150.0°C
6	Sulphated ash	Not more than 0.1%
7	Chloride (Cl)	Not more than 0.005%
8	Suphate (SO <sub>4</sub> )	Not more than 0.01%
9	Iron(Fe)	Not more than 0.0005%
	Heavy metals (as Pb)	Not more than 0.0002%
	Water by KF	Not more than 0.5%

**SAFETY SYMBOLS**