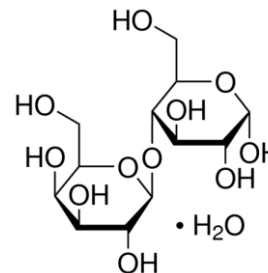


Department: Quality Control
Document No: LCPL/QSD/QAD/11
SOP No.: SOP/QC/11-L031
SPECIFICATION : LACTOSE MONOHYDRATE AR

Issue date	16/04/2018	Review date	15/04/2023	Location	Dobaspet
Version No.:	00	Supersedes	--	Page No	1 of 2

PRODUCT DETAILS

1	Molecular Formula	C ₁₂ H ₂₂ O ₁₁ · H ₂ O
2	Product code	L031
3	Molecular weight	360.31
4	CAS No	10039-26-6
5	Risk Statement No	---
6	Safety Statement No	---
7	UN No.	---


PACKING DETAILS

	Product code	Pack size
1	L03110	500 g
2	L03113	5 Kg

PRODUCT SPECIFICATION
SL. No. TEST PARAMETERS

1	Description
2	Specific optical rotation (α 20/D; 10% water)
3	Free acid
4	Insoluble matter
5	Alcohol soluble impurities
6	Sulphated ash
7	Nitrogen compounds (as N)
8	Arsenic (As)
9	Copper (Cu)
10	Iron (Fe)
11	Lead (Pb)

LIMITS

White crystalline powder.
Between +54.4 and +55.9°
Not more than 0.25 mL N%
Not more than 0.005%
Not more than 0.2%
Not more than 0.3%
Not more than 0.02%
Not more than 0.0001%
Not more than 0.00005%
Not more than 0.0002%
Not more than 0.00005%

SAFETY SYMBOLS