

SUVCHEM

ISO 9001:2015 CERTIFIED COMPANY

OFF: CHAITANYA TOWER, 2ND FLOOR, OFFICE NO.206,

SIDDARTH NAGAR, S.V. ROAD, GOREGAON (WEST), MUMBAI 400062. MH. INDIA.

WORKS: RAJPRABHA LANDMARK IND ESTATE NO.4 UNIT NO. 106, 107 & 110, 1ST FLOOR, BHOIDAPADA,

SATIVALI ROAD, VASAI (EAST), PALGHAR - 401 208. MH, INDIA

sales@suvchem.com

Certificate Of Analysis

PRODUCT NAME	LACTOSE AR
CAS NUMBER	10039-26-6
MOLECULAR FORMULA	$C_{12}H_{22}O_{11} \cdot H_2O$
MOLECULAR WEIGHT (M.W.)	360.31
BATCH NUMBER	LMA092523
MFG DATE	SEPTEMBER 2025
BEST BEFORE	AUGUST 2030
PRODUCT CODE	L0116600500

DESCRIPTION	LIMITS	RESULTS
APPEARANCE	WHITE CRYSTALLINE POWDER	COMPLES
SPECIFIC ROTATION (d)20D (10% IN WATER)	+54.4 ⁰ TO 55.9 ⁰	+55.3 ⁰
MAX. LIMITS OF IMPURITIES		
WATER	4.8-5.4%	5.1
FREE ACID	0.25 ML N%	0.10 ml n%
INSOLUBLE MATTER	0.005%	0.002%
ALCOHOL SOLUBLE IMPURITIES	0.2%	0.05%
SULPHATED ASH	0.3%	0.2%
NITROGEN COMPOUNDS (as N)	0.02%	0.01%
ARSENIC (As)	0.0001%	0.00005%
COPPER (Cu)	0.00005%	0.00002%
LEAD (Pb)	0.00005%	0.00002%
IRON (Fe)	0.0002%	0.0001%

DISCLAIMER:

- SUVCHEM™ Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- SUVCHEM™ shall not be responsible for any damage resulting from handling or from contact with the above product.