



SPECIFICATION

Product Code: 23700

Product Name : LACTOSE (MONOHYDRATE) AR



$C_{12}H_{22}O_{11}.H_2O$

M.W. 360.31

Specific rotation $[\alpha]^{20}_D$
(10% in water + 0.2ml dil NH_3) +54.4⁰ to 55.9⁰

Water 4.8 - 5.4%

Maximum Limits of Impurities:

Free acid 0.25 ml N%

Insoluble matter 0.005%

Alcohol-soluble impurities 0.2%

Sulphated ash 0.05%

Nitrogen compounds (N) 0.02%

Arsenic (As) 0.0001%

Copper (Cu) 0.00005%

Iron (Fe) 0.0002%

Lead (Pb) 0.00005%

(Alcohol-soluble impurities, for bacteriological purpose, free from glucose)

CAS No. : 10039-26-6

F: 3

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)

Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net

Works: Plot No. B/9, Badlapur M.I.D.C., OPP. Shobhavat Textile Co.,

Kulgaon, Badlapur (E), Dist.-Thane-421 503