



# Product Specification

## Product Name: LACTOSE Monohydrate LR

Alternate Name(s)

### Description

A white or almost white, crystalline powder.

### Properties

Chemical Formula:  $C_{12}H_{22}O_{11} \cdot H_2O$

Molecular Weight: 360.31

Product Code: LL031

CAS No.: 64044-51-5

### General Information:

Freely but slowly soluble in water, practically insoluble in ethanol.

### Quality Specification

Assay:

### Specific Properties and Impurities [Typical levels]:

Residue on ignition	0.5%
Heavy metals	0.005%
Water	4 - 6%

### Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH3J
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

Not classified as a hazardous chemical according to the WHS Regulations.

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