

Specification

Technical Data Sheet

Product Name	alpha-D-Lactose monohydrate
---------------------	-----------------------------

Product No	90028400
-------------------	----------

CAS Number	5989-81-1
-------------------	-----------

Storage Temperature	Ambient
----------------------------	---------

Molecular Weight	360.31
-------------------------	--------

Specification

Appearance	White powder
-------------------	--------------

Heavy metals	≤50ug/g
---------------------	---------

Loss on Drying	≤0.5%
-----------------------	-------

Water	4.5 - 5.5%
--------------	------------

Impurities	≤0.07%
-------------------	--------

Optical Rotation	+54.4 to +55.9
-------------------------	----------------

Residue on Ignition	≤0.1%
----------------------------	-------

Specification

TAMC $\leq 100\text{cfu/g}$

Yeast and Moulds $\leq 50\text{cfu/g}$
