



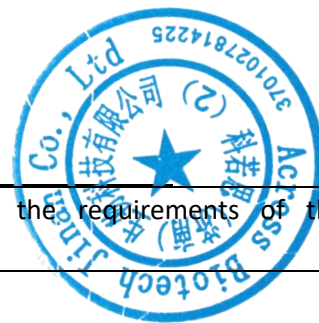
Certificate of Analysis

Product:	Lacto-N-triose II	Cas No.:	75645-27-1
Quantity:	13 KG	Package:	1kg/bag
MFG Date:	2025/04/19	Batch No.:	LNT II 2500419
EXP Date:	2027/04/18	Standard:	In house

Item	Specification	Results
Appearance	White or off-white powder	Conform
Lactose	$\leq 3.0\%$	Not detected
D-Glucose	$\leq 2.0\%$	Not detected
Galactose	$\leq 1.0\%$	0.04%
Ethanol	$\leq 0.5\%$	0.001%
Acetone	$\leq 0.003\%$	Not detected
Loss of drying	$\leq 9.0\%$	5.3%
Ash	$\leq 0.5\%$	0.03%
pH (20°C, 5% solution)	4.0-7.5	5.4
Residual protein content	$\leq 100\text{mg/kg}$	44mg/kg
As	$\leq 0.2\text{mg/kg}$	$< 0.2\text{mg/kg}$
Pb	$< 0.05\text{mg/kg}$	$< 0.05\text{mg/kg}$
Hg	$\leq 0.1\text{mg/kg}$	$< 0.1\text{mg/kg}$
Cd	$\leq 0.1\text{mg/kg}$	$< 0.1\text{mg/kg}$
Total Bacterial Count	$\leq 500\text{ CFU/g}$	110 CFU/g
Coliforms	$\leq 3.0\text{ MPN/g}$	$< 3.0\text{ MPN/g}$
Coagulase positive Staphylococci	$< 10\text{ CFU/g}$	$< 10\text{ CFU/g}$
Mold and Yeast	$\leq 50\text{ CFU/g}$	$< 10\text{ CFU/g}$
Cronobacter spp./(10g)	Absent	Absent
Salmonella /(25g)	Absent	Absent
Listeria monocytogenes/(25g)	Absent	Absent
Bacillus cereus	$< 10\text{ CFU/g}$	$< 10\text{ CFU/g}$
Assay (as dry substance, HPLC)	$\geq 85.0\%$	89.4%



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Conclusion:	This batch of Lacto-N-triose II meets the requirements of the standard.
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