

**ACROSS BIOTECH**

MAKE A DIFFERENCE

Certificate of Analysis

Product:	3'-Fucosyllactose	Cas No.:	41312-47-4
Quantity:	21 KG	Package:	1kg/bag
MFG Date:	2024/04/19	Batch No.:	3FL0332400419
EXP Date:	2026/04/18	Standard:	In house

Item	Specification	Results
Appearance	White or very faintly yellow powder	Conform
D-Lactose	≤3.0%	Absent
L-fucose	≤2.0%	Absent
The sum of D-galactose/D-glucose	≤2.0%	Absent
Loss of drying	≤5.0%	0.24%
pH (20°C, 5% solution)	3.0-7.5	6.3
Residual protein content	≤100mg/kg	24.2mg/kg
Ethanol residue	<0.5%	0.018%
Bacterial endotoxin	<10EU/mg	<10EU/mg
Ash	≤0.5%	0.051 %
As	≤0.2mg/kg	Negative
Pb	<0.02mg/kg	Negative
Hg	≤0.5mg/kg	Negative
Cd	≤0.1(mg/kg)	0.003mg/kg
Aflatoxin M1/kg	Negative	Negative
Aflatoxin M2/kg	Negative	Negative
Total Bacterial Count	≤500 CFU/g	Negative
Mycete	≤100 CFU/g	<100 CFU/g
Saccharomyces	≤100 CFU/g	<10 CFU/g
Enterobacteriaceae/(10g)	<10 CFU/g	Negative
Cronobacter /(100g)	Negative	Negative
Salmonella /(25g)	Negative	Negative
Listeria monocytogenes	Negative/25g	Negative



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Bacillus cereus	< 10 CFU/g	Negative
Assay (as dry substance)	≥ 95.0%	99.9%
Conclusion:	This batch of 3'-Fucosyllactose meets the requirements of the standard.	