

**ACROSS BIOTECH**

MAKE A DIFFERENCE

## Certificate of Analysis

Product:	2'-Fucosyllactose	Cas No.:	41263-94-9
Quantity:	10 KG	Package:	1kg/bag
MFG Date:	2024/09/13	Batch No.:	2FL0332400913
EXP Date:	2026/09/12	Standard:	In house

Item	Specification	Results
Appearance	White or very faintly yellow powder	Conform
Lactose	≤3.0%	Absent
Difucosyl lactose	≤2.0%	<0.03%
Hydration	≤9.0%	0.25%
Residual protein content	≤100mg/kg	68.2mg/kg
Ethanol residue	<0.5%	0.018%
Bacterial endotoxin	<10EU/mg	<10EU/mg
Ash	≤0.5%	0.048 %
As	≤0.2mg/kg	Not detected (detection limit:0.04mg/kg)
Pb	<0.02mg/kg	Not detected (detection limit:0.02mg/kg)
Hg	≤0.5mg/kg	Not detected (detection limit:0.01mg/kg)
Cd	≤0.1(mg/kg)	0.003mg/kg
Aflatoxin M1	Negative	Negative
Total colony	≤500 CFU/g	120 CFU/g
Enterobacteriaceae/(10g)	<10 CFU/g	<10 CFU/g
Cronobacter /(100g)	Negative	Negative
Salmonella /(25g)	Negative	Negative
Assay (as dry substance)	≥95.0%	99.3%
Conclusion:	This batch of 2'-Fucosyllactose meets the requirements of the standard.	