

Certificate of Analysis

Product Name	Gastric mucin
Catalog No.	V29138
Batch No.	V2913801

1. Physical and Chemical Properties

Appearance	White to tan powder
Molecular Formula	C ₁₀ H ₅ CL ₄ N
Molecular Weight	280.965398550034
Purity	Content=81.2%
CAS No.	84082-64-4
Production Date	
Retest Date	2029-05-23

2. Analytical Data

Test Item	Specification	Result
Mucin content:	≥80.0%	81.2%
Odor	Typical peptone odor	Conforms
Acidity	3.0~6.0	4.3
Loss on drying	≤6.0%	4.7%
Residue on Ignition	≤5.0%	4.2%
Solubility	10 mg soluble in 10ml of 1M sodium hydroxide	Conforms
PH (2%sol.)	3-7	5.8
Bound sialic acid	0.5-1.5%	Conforms
Reducing material	≥20.0%	22.7%
Total Nitrogen	≤10.0%	8.3%
Bacteria	≤1000CFU/g	10CFU/g
Escherichia Coli	Negative in 25g	Complies
Salmonella	Negative in 0.1g	Complies

3. Structure

<h2>Gastric mucin</h2>

4. Storage Condition

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Storage Condition	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month
Note: Please store this product in a sealed and protected environment, avoid exposure to moisture.			

Products are for research use only • Not for human or veterinary use

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