



武汉福鑫化工有限公司

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CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
icodextrin	337376-15-5	20240215
Mfg. Date	Exp. Date	Package
Feb.,15,2024	Feb., 14,2026	25kg/ Box/Bag/Drum

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White to beige powder	Conforms
Specific Rotation	+190° ~ +200°	+197°
Solubility (g/L)	≥200	Conforms
Identification	The solution reacts with iodine test solution,color become blue to reddish brown.	Conforms
	The solution reacts with alkaline copper tartrate test solution,produce red	Conforms
pH (25°C)	3.5~6.5	6.4
Clarity and color	Meet the requirements	Conforms
Absorbance(400nm)	≤0.05	0.003
5-Hydroxymethyl furfural (%)	≤0.01	0.0005
Loss on drying (%)	≤7.0	4.2
Heavy Metal (ppm)	≤5	<5
Peptidoglycan (ng/g)	≤2	0.089
Nitrogen(%)	≤0.01	0.005
Weight-average Molecular Weight (Mw)	13000~19000	15252
Number-average molecular weight (Mn)	5000~6500	5656
Molecular weight ≤1638	≤6%	5.4

Molecular weight 1638~5000	12%~26%	19.1
Molecular weight 5000~20000	45%~66%	49.5
Molecular weight 20000~45000	13%~23%	22.0
Molecular weight 1638~45000	≥85%	90.6
Bacterial Endotoxins (EU/g)	<0.3	<0.3
TAMC (CFU/g)	≤50	10
TYMC (CFU/g)	≤10	<10
Escherichia Coli	Absent	Absent
Conclusion	Comply with Enterprise Standard.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03

