



保定飞思孚工贸有限公司  
BAODING FAITHFUL INDUSTRY CO., LTD.

## Certificate of Analysis

Product: Chitosan

Quantity: 1000kgs

Manufacturing Date:04/05/2020

Validity:03/05/2022

Grade: Food Grade

Batch No.: M-PK-2005002

Report Date:03/05/2020

Test Items	Specification	Test Result
Characteristics	Off-white or yellow powder	Conformed
DAC Degree	$\geq 85\%$	90.01%
Viscosity	50mpa.s~ 800mpa.s	62mpa.s
Moisture	$\leq 10.0\%$	7.86%
Ash	$\leq 3.0\%$	1.25%
pH	7.0~8.0	7.37
Acid-insoluble substance	$\leq 2.0\%$	<2.0%
Bulk density	$\geq 0.3\text{g/ml}$	0.35g/ml
Arsenic	$\leq 0.5\text{ppm}$	<0.5ppm
Heavy metals	$\leq 10\text{ppm}$	<10ppm
Mesh Size	Meets the requirements	100% through 80 mesh
Total plate count	$\leq 1000\text{cfu/g}$	50cfu/g
Yeast & Mold	$\leq 100\text{cfu/g}$	10cfu/g
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus Aureus	Negative	Negative
Storage Condition	Preserve in tight, light-resistant containers	
Conclusion	Qualified With Enterprise Standard	

Certificate Prepared By:

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