



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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V2.01-2021

Certificate of Analysis

Product Information

Product Name	Wakame Extract Powder	Report Number	WEP20211122
Botanical Name	Undaria pinnatifida	Manufacture Date	2021/10/27
Used Part	Leaf	Analysis Date	2021/11/02
Batch Number	WEP211027	Report Date	2021/11/07
Batch Quantity	500Kg	Expiry Date	2024/10/26

Test items	Specifications	Result	Test Methods
Active Ingredients			
Assay	≥85.0% Fucoidan	85.25%	UV
	≥20.0% Organic SO ₄ ²⁻	20.72%	BGT16484.12-2006
	≥60.0% Carbohydrate	60.33%	Seaweed Chemical
	≥20.0% L-Fucose	21.21%	Seaweed Chemical

Physical & Chemical Data

Appearance	Off-white Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	2.39%	105°C/2 hrs
Total Ash	≤5.0 %	0.51%	GB 5009.4-2016

Contaminants

Lead (Pb)	<3.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<2.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1mg/kg	Conforms	ICP-MS

Microbiological

Total Aerobic Count	≤1000cfu/g	200cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	30cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Conclusion

Conclusion	To be complied with in-house Specification
Shelf Life	3 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娜

Checker: 李明

Approved:

