

Certificate of Analysis**Product Information**

Product Name	Broccoli Extract Powder	Report Number	BEL20210931
Botanical Name	Brassica oleracea L	Manufacture Date	2021/09/06
Used Part	Sprout	Analysis Date	2021/09/11
Batch Number	BEL210906	Report Date	2021/09/16
Batch Quantity	500Kg	Expiry Date	2024/09/05

<i>Test items</i>	<i>Specifications</i>	<i>Result</i>	<i>Test Methods</i>
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Active Ingredients

Assay	$\geq 1.0\%$ Sulforaphane	1.26%	HPLC
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Physical & Chemical Data

Appearance	Light Yellow Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	$\leq 5.0\%$	2.92%	105°C/2 hrs
Total Ash	$\leq 5.0\%$	0.36%	GB 5009.4-2016
Bulk Density	40~60g/100mL	49.1g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	51.2g/100mL	GB/T 18798.5

Contaminants

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

Microbiological

Total Aerobic Count	$\leq 1000\text{cfu/g}$	170cfu/g	GB 4789.2
Yeast & Moulds	$\leq 100\text{cfu/g}$	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:

