

Certificate of Analysis**Product Information**

Product Name	Korean Red Ginseng Extract Powder	Report Number	RGL20210842
Botanical Name	Panax ginseng	Manufacture Date	2021/08/17
Used Part	Root	Analysis Date	2021/08/22
Batch Number	RGL210817	Report Date	2021/08/27
Batch Quantity	500Kg	Expiry Date	2024/08/16

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

Assay	≥ 10.0% Ginsenosides	10.27%	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	≤5.0 %	2.66%	105°C/2 hrs
Total Ash	≤5.0 %	0.38%	GB 5009.4-2016
Bulk Density	40~60g/100mL	49.6g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	51.5g/100mL	GB/T 18798.5

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	180cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	35cfu/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:

