

### Certificate of Analysis

<b>Product Information</b>			
Product Name	Epigallocatechin Gallate	Report Number	EGL20200611
Botanical Name	Camellia sinensis	Manufacture Date	2020/05/22
Used Part	Leaf	Analysis Date	2020/05/27
Batch Number	EGL200522	Report Date	2020/06/01
Batch Quantity	500Kg	Expiry Date	2023/05/21
<i>Test items</i>	<i>Specifications</i>	<i>Result</i>	<i>Test Methods</i>
<b>Active Ingredients</b>			
Assay	≥95.0%	95.29%	HPLC
<b>Physical &amp; Chemical Data</b>			
Appearance	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 %	2.97%	105°C/2 hrs
Total Ash	≤5.0 %	1.32%	GB 5009.6
Bulk Density	40~60g/100mL	48.6 g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	51.5 g/100mL	GB/T 18798.5
<b>Contaminants</b>			
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
<b>Microbiological</b>			
Total Aerobic Count	≤1000cfu/g	220cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	50cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
<b>Conclusion</b>			
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: 

Checker: 

Approved:

