



### CERTIFICATE OF ANALYSIS

Product name:	Green Coffee Bean Extract	Plant Source	Coffea Arabica L.
Used part:	Bean	Manu. Date:	Feb.,28,2019
Batch Number:	UN-F-JLS190224	Expiration Date:	Feb.,28,2021
Batch Size	2000KGS	Report Date	Feb.,29,2019

Item	Specification	Results	Methods
Chlorogenic Acid	≥25%	25.84%	HPLC
Appearance & Color	Brown yellow powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Solubility	Soluble in Water	Conforms	CP2015
Bulk Density	0.4-0.6g/ml	0.51g/ml	CP2015
Mesh Size	80 mesh	100% passed	CP2015
Loss on Drying	≤5.0%	3.09%	CP2015((105 °C, 2 h))
Ash Content	≤5.0%	2.61%	CP2015
<b>Heavy Metals</b>			
Total Heavy Metals	≤10ppm	3ppm	AAS/ICP-MS
Arsenic (As)	≤1.0ppm	0.08ppm	AAS/ICP-MS
Lead (Pb)	≤1.5ppm	0.52ppm	AAS/ICP-MS
Cadmium	<1mg/kg	Not Detected	AAS/ICP-MS
Mercury	≤0.3ppm	Not Detected	AAS/ICP-MS
<b>Microbiology</b>			
Total Plate Count	≤1000cfu/g	<100	USP
Total Yeast & Mold	≤25cfu/g	<10	USP
E. Coli	≤40MPN/100g	Not Detected	USP
Salmonella	Negative in 25g	Not Detected	USP
Staphylococcus	Negative in 10g	Not Detected	USP

Conclusion	Conform with specification
Storage	Store in cool & dry place, keep away from strong light and heat
Shelf life	2 years when properly stored

QC : ZHAO TING



QA : HOU XUEHUI