

CERTIFICATE OF ANALYSIS

Product Name:	Hops Extract	Batch No.:	LXPJH200110
Botanical Name:	<i>Humulus lupulus</i>	Manufacture Date:	Jan. 10, 2020
Plant Part Used:	Flower	Expiry Date:	Jan. 09, 2022
Quantity:	800kg	Certificate Date:	Jan. 17, 2020

Results of Analysis		
Items	Specifications	Results
Physical & Chemical Control		
Appearance	Fine powder	Complies
Color	Yellow brown	Complies
Odor & Taste	Characteristic	Complies
Loss On Drying	≤5.0%	3.74%
Ash	≤5.0%	3.59%
Solvent	Water	Complies
Ratio	10:1	Complies
Sieve Analysis	98% pass 80 mesh	Complies
Heavy Metals	≤10ppm	Complies
Cd	≤2ppm	Complies
Hg	≤0.1ppm	Complies
As	≤2ppm	Complies
Pb	≤3ppm	Complies
Bulk density	45-65g/100ml	Complies
Microbiological Control		
Total plate count	≤10000CFU/g	Complies
Yeast & mold	≤100CFU /g	Complies
E.coli	Negative	Negative
Salmonella	Negative	Negative
Conclusion:	Conform with specification	
Storage:	Stored in dry and cool place, keep away from strong light and heat.	
Shelf Life:	Two years when stored properly	
QC. Manager:		