



CERTIFICATE OF ANALYSIS

Product name:	Sesame extract	Plant Source	Sesamum indicum Linn
Used part:	Seeds	Manu. Date:	Mar, 04,2019
Batch Number:	UN-F-HZM190304	Expiration Date:	Mar. 03,2021
Batch Size	2000KGS	Report Date	Mar, 07, 2019

Item	Specification	Results	Methods
sesamin	≥98%	98.78%	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	0.50g/ml	CP2015
Mesh Size	80 mesh	100% passed	CP2015
Loss on Drying	≤5.0%	3.82%	CP2015((105 °C, 2 h))
Ash Content	≤5.0%	3.29%	CP2015
Heavy Metals			
Total Heavy Metals	≤10ppm	3ppm	AAS/ICP-MS
Arsenic (As)	≤1.0ppm	0.03ppm	AAS/ICP-MS
Lead (Pb)	≤1.5ppm	0.42ppm	AAS/ICP-MS
Cadmium	<1mg/kg	Not Detected	AAS/ICP-MS
Mercury	≤0.3ppm	Not Detected	AAS/ICP-MS
Microbiology			
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