



# 西安绿泉科技有限公司

XI'AN GREEN SPRING TECHNOLOGY CO.,LTD.

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>Black Rice Extract</b>		
<b>Botanical Name</b>	<i>Oryza sativa</i>	<b>Plant part used</b>	Seed
<b>Batch Number</b>	201216	<b>Quantity</b>	600kg
<b>Manufacture Date</b>	Dec. 16th, 2020	<b>Expiry Date</b>	Dec. 15th, 2022

Item of Analysis	Specification	Results	Test Method
Anthocyanin(C3G) assay by HPLC	≥ 20.0 %	21.20%	HPLC
<b>Organoleptic</b>			
Appearance	Purple black powder	Complies	Visual
Odor&Taste	Characteristics	Complies	Organoleptic
<b>Physical Characteristics</b>			
Extract Solvent	Ethanol / Water	Complies	
Loss on Drying	≤5.0%	3.50%	3h/105°C
Ash Content	≤5.0%	3.35%	5h/750°C
Particle size	100%Through 80 mesh sieve	Complies	80 mesh seive
Pesticides	Euro Pharm	Complies	
<b>Heavy metals</b>			
Total Heavy Metals	10ppm Max	Complies	Colorimety
Lead (Pb)	1.0ppm NMT	Complies	AAS
Arsenic (As)	1.0ppm NMT	Complies	AAS
Cadmium (Cd)	1.0ppm NMT	Complies	AAS
Mercury (Hg)	0.1ppm NMT	Complies	AAS
<b>Microbiological Tests</b>			
Total Plate Count	1000cfu/g Max	Complies	CP2015
Yeast & Mold	100cfu/g Max	Complies	CP2015
E. Coli.	Negative	Negative	CP2015
Salmonella	Negative	Negative	CP2015
Pathogenic bacteria	Negative	Negative	CP2015

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

