

Certificate of Analysis

Product Information			
Product Name	99%Gamma Oryzanol	Report Number	GAM20210330
Batch Number	GAM210308	Analysis Date	2021.03.13
Manufacture Date	2021.03.08	Report Date	2021.03.18
Batch Quantity	1000KG	Expiry Date	2023.03.12
<i>Test items</i>	<i>Specifications</i>	<i>Test Methods</i>	<i>Test Methods</i>
Physical & Chemical Data			
Appearance	White or almost white powder,odorless	White powder, Odorless	Visual and Sensory
Analytical Quality			
Assay	97%~103%	99.90%	UV
Residue on Ignition	NMT0.2%	0.10%	CP2015
Solubility	Soluble in acetone,slightly soluble in ethanol and n-heptane,insoluble in water	Soluble in acetone,slightly soluble in ethanol and n-heptane,insoluble in water	CP2015
Identification	Comply with the standard	Positive reaction	Internal Method
Loss on Drying	NMT0.8%	0.20%	CP2015
Contaminants			
Lead (Pb)	<3.0mg/kg	0.06mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.10mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.08mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS
Microbiological			
Total Aerobic Count	≤ 1000cfu/g	20cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	10cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Storage & Packing

Shelf Life: 3 years when properly stored.
Packing : Packed in paper-drums and two plastic-bags inside.
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: 张丽娜

Checker: 李明

Approved:

