



上海麦角硫因生物科技集团有限公司

SHANGHAI EGT SYN BIO GROUP CO., LTD.

# Certificate Of Analysis

<b>Product Name:</b>	Achyranthes bidentata polysaccharides		
<b>CAS Number:</b>	/	<b>Reference:</b>	In-house
<b>Batch Number:</b>	YGTF22060801	<b>Batch Quantity:</b>	10kg
<b>Date of Production:</b>	Jun 8, 2022	<b>Date of Expiration:</b>	Jun 7, 2024
<b>Types:</b>	<input checked="" type="checkbox"/> Manufacturer <input type="checkbox"/> Traders <input type="checkbox"/> Other		

Items	Specifications	Test Results	Methods
Polysaccharide content	≥70%	80.5%	Anthrone sulfuric acid chromogenic method
<b>Physical &amp; Chemical Control:</b>			
Appearance	Off white or light brown powder	Conform	Visual observation
Smell	Slightly bitter, with the odor of traditional Chinese medicine achyranthes bidentata	Conform	Nose smells
Loss on Drying	≤9%	3.22%	USP<731>
Residue on ignition	≤2.0%	0.02%	USP<281>
Mesh size	NLT 95% through 80 mesh	Conform	USP<786>
<b>Heavy Metals Control:</b>			
Arsenic	≤1 ppm	Conform	USP<233>
Lead	≤2 ppm	Conform	USP<233>
Mercury	≤0.5 ppm	Conform	USP<233>
Cadmium	≤0.3 ppm	Conform	USP<233>
Total Heavy Metals	≤10 ppm	Conform	USP<233>
<b>Microbiological Control:</b>			
E. coli	Negative	Conform	USP<62>
S. aureus	Negative	Conform	USP<62>
Salmonella	Negative	Conform	USP<62>
P. aeruginosa	Negative	Conform	USP<62>
Total Coliform	<100 CFU/g	Conform	AOAC
Total Yeast and Mold Count	≤100 CFU/g	Conform	USP<61>
Total Viable Aerobic Count	≤1000 CFU/g	Conform	USP<61>

<b>Packing:</b> Sterile bag packaging, wrapped in aluminum foil bags.	
<b>Storage:</b> Store at sealed room temperature in a cool and dry place, avoiding sunlight and moisture.	
Analyst (QC): <i>Yanhong Zhang</i>	Approver (QA): <i>Yilan Li</i>
Date: <i>Jun, 16, 2022</i>	Date: <i>Jun 16, 2022</i>



☆Certified by GRAS, and a lot of efficacy tests data☆

ISO9001

ISO14001

ISO45001

ISO22000

GMP

VEGAN

HALAL

KOSHER

