



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>	Reishi Spore polysaccharide		
<b>CAS Number:</b>	/	<b>Reference:</b>	In-house
<b>Batch Number:</b>	YGGC24031501	<b>Batch Quantity:</b>	10kg
<b>Date of Production:</b>	Mar 15, 2024	<b>Date of Expiration:</b>	Mar 14, 2026
<b>Types:</b>	<input checked="" type="checkbox"/> Manufacturer <input type="checkbox"/> Traders <input type="checkbox"/> Other		

Items	Specifications	Test Results	Methods
Polysaccharide Assay	≥90%	90.68%	Anthrone sulfuric acid chromogenic method
<b>Physical &amp; Chemical Control:</b>			
Appearance	White to off-white powder	Conform	Visual observation
Average molecular weight	1500-5000 Dalton	3500	GPC
Nitrogen content	<0.3%	Conform	Elemental analysis
Loss on drying	<5%	4.12%	60°C decompression constant weight
Solvent residue (ethanol)	≤3000 ppm	400 ppm	GC
<b>Heavy Metals Control:</b>			
Arsenic	≤1 ppm	Conform	ICP-MS
Lead	≤1 ppm	Conform	ICP-MS
Mercury	≤0.5 ppm	Conform	ICP-MS
Total Heavy Metals	≤10 ppm	Conform	ICP-MS
<b>Microbiological Control:</b>			
E.Coli	Negative	Conform	USP<62>
S. aureus	Negative	Conform	USP<62>
P. aeruginosa	Negative	Conform	USP<62>
Total yeast and mould count	≤100 CFU/g	Conform	USP<61>
Total viable aerobic count	≤500 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>Mar 21, 2024</i>	Date: <i>Mar 21, 2024</i>



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

