



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

Product Name:	Reishi Spore Oil		
CAS Number:	/	Reference:	In-house
Batch Number:	YGOC24062601	Batch Quantity:	71kg
Date of Production:	Jun 26, 2024	Date of Expiration:	Jun 25, 2026
Types:	<input checked="" type="checkbox"/> Manufacturer <input type="checkbox"/> Traders <input type="checkbox"/> Other		
Items	Specifications	Test Results	Methods
Total triperpenoids content	≥10%, Counting by oleanolic acid	31.46%	UV and visible spectrophotometry
Physical & Chemical Control:			
Appearance	Light yellow oily transparent liquid	Conform	Visual observation
Smell	Characteristic odor	Conform	Nose smells
Ash content	≤1.0 %	Conform	Muffle furnace
Acid value	≤6mg KOH/g	2.18	Titration method
Peroxide value	≤20.0 meq/kg	1.12	Titration method
Carbonyl value	≤20.0 meq/kg	4.34	UV and visible spectrophotometry
Heavy Metals Control:			
Arsenic	≤1 ppm	Conform	ICP-MS
Lead	≤1 ppm	Conform	ICP-MS
Mercury	≤0.5 ppm	Conform	ICP-MS
Cadmium	≤1 ppm	Conform	ICP-MS
Total Heavy Metals	≤10 ppm	Conform	ICP-MS
Microbiological Control:			
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>
Other controls:			
Hexachlorocyclohexane	≤0.02ppm	Conform	GB/T 39665-2020
DDT	≤0.02ppm	Conform	GB/T 39665-2020
Aflatoxin B1	≤0.01ppm	Conform	GB 5009.22-2016
Packing: Packaging in aluminum cans.			
Storage: 2-8°C refrigerated storage, 4°C is optimal.			
Analyst (QC):	Yanhong Zhang		Approver (QA): Yilun Li
Date:	Jul, 10, 2024		Date: Jul, 10, 2024

