

Certificate of Analysis

Product Name	Icariin	Batch No.	M22M04105
CAS No.	489-32-7	MFG. Date	Apr 10, 2022
CAT No.	I003725	Retest Date	Apr, 2024
Items	Specification	Results	
Appearance	Light yellow powder	Conforms	
Mesh Size	95% pass 80 mesh	Conforms	
Icariin Hplc (base on dry)	$\geq 98.0\%$	98.33%	
Bulk Density	0.4-0.6g/ml	0.486g/ml	
Loss on drying	$\leq 5.0\%$	0.95%	
Ash	$\leq 1.0\%$	0.19%	
Pesticide residue	Meet requirements	Conforms	
Solvent residue	Meet requirements	Conforms	
Heavy Metals	$\leq 10.0\text{ppm}$	$< 10.0\text{ppm}$	
As	$\leq 1.0\text{ppm}$	$< 1.0\text{ppm}$	
Pb	$\leq 2.0\text{ppm}$	$< 2.0\text{ppm}$	

Hg	$\leq 0.1\text{ppm}$	<0.1ppm
Cd	$\leq 1.0\text{ppm}$	<1.0ppm
Total plate count	$\leq 1000\text{cfu/g}$	Conforms
Yeast &Mould	$\leq 100\text{cfu/g}$	Conforms
Coliforms	Negative	Negative
Salmonella	Negative	Negative
Conclusion	Corresponds.	
Storage Condition	Keep container tightly closed in a dry and well-ventilated place.	

QC:

Alex Foster

QA:

Felix Hobart