



Ebos

Xi'an Ebos Biotech Co., Ltd.

Certificate of Analysis

Product Name:	Kaempferol	Manufacture Date:	2024-02-28
Batch No.:	Ebos-240228	Test Date:	2024-02-28
Quantity:	25kg/Drum	Expiration Date:	2026-02-27
ITEMS	SPECIFICATION	RESULT	METHOD
Maker Compounds	Kaempferol≥98%	98.15%	HPLC
Organoleptic			
Appearance	Fine Powder	Conforms	Visual
Color	Yellow	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Drying Method	Vacuum drying	Conforms	
Physical Characteristics			
Particle Size	NLT100%Through80 mesh	Conforms	AOAC973.03(TQ_106)
Loss on Drying	≅5.0%	1.30%	TQ-104(105°C/2h)
Ash (Sulphated Ash)	≅5.0%	1.05%	TQ-104(525°C/3h)
Total Heavy Metals	≅10ppm	Conforms	ICP/MS AOAC 993.14
Arsenic(As)	≅1ppm	Conforms	ICP/MS AOAC 993.14
Lead(Pb)	≅1ppm	Conforms	ICP/MS AOAC 993.14
Mercury(Hg)	≅0.05ppm	Conforms	ICP/MS AOAC 993.14
Cadmium (Cd)	≅1ppm	Conforms	ICP/MS AOAC 993.14
Microbiological Tests			
Total Plate Count	≅1,000cfu/g	Conforms	AOAC996. 23
Total Yeast & Mold	≅100cfu/g	Conforms	FDA(BAM) 7th Ed.
E.Coli	Negative	Negative	USP33,NF28,2010
Salmonella	Negative	Negative	USP33,NF28,2010
Staphylococcus	Negative	Negative	USP33,NF28,2010
Conclusion	Conform to the specification of the requirement.		
Storage	Store in a cool and dry place, keep away from direct strong and heat.		
Shelf Life	Two years if sealed and store away from direct sun light.		
Tester	01	Checker	06
		Authorizer	05

