

Certificate of Analysis

Product Name	Purple corn extract	Batch Number	YG20220703
Plant Latin name	Purple Corn	Manufacture Date	20220701
Used part	Fruit	Analysis Date	20220703
Quantity	300kg	Expiry Date	20240630

ITEMS	SPECIFICATION	RESULTS	TEST METHODS
Assay(Anthocyanins)	15%Min	15.51%	HPLC
Physical & Chemical			
Appearance	Dark red fine powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Tasted	Characteristic	Complies	Organoleptic
Sieve Analysis	100% pass 80 mesh	Complies	USP<786>
Bulk density	40-65g/100ml	41g/100ml	USP<616>
Loss on Drying	5% Max	4.20%	USP<731>
Sulphated Ash	5% Max	3.12%	USP<731>
Extract Solvent	Water&Ethanol	Complies	
Heavy metals			
Heavy Metal	20ppm Max	Complies	AAS
Pb	2ppm Max	Complies	AAS
As	2ppm Max	Complies	AAS
Cd	1ppm Max	Complies	AAS
Hg	1ppm Max	Complies	AAS
Microbiological			
Total Plate Count	1000cfu/g Max	Complies	USP30<61>
Yeast & Mold	100cfu/g Max	Complies	USP30<61>
E.Coli	Negative	Complies	USP30<61>
Salmonella	Negative	Complies	USP30<61>
Conclusion	Conform with specification.		
Storage	In cool & dry place. Keep away from strong light and heat.		
Shelf life	2 years when properly stored.		
Quality Control	BiehuTian		