

Analysezertifikat Traubenkernextrakt

Product Name:	Grape Seed Extract	Batch Number:	GRS201812009
Product Quality:	Proanthocyanidins 95%, OPC 40%	Manufacturing Date:	22/12/2018
Product Code:	70378	Expiry Date:	21/12/2021
Botanical Name:	Vitis vinifera L.	Plant Part:	Fruit Seed
Storage:	Store in cool and dry place, keep away from strong light and heat.		
Packaging:	25K s/Drums		

ITEM	SPECIFICATION	TEST RESULTS	METHOD
DESCRIPTION			
Appearance	Red brown Powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Extract Solvents	Ethanol & Water	Complies	
Extract Ratio	240-300:1	Complies	
Excipient	None	Complies	
Particle Size	100% Through 80 mesh	Complies	CP2015
Bulk Density	0.35g/ml—0.55g/ml	0.41g/ml	CP2015
MAKER COMPOUNDS			
Proanthocyanidins	≥95.00%	98.58%	UV
OPC	≥40.00%	Complies	HPLC
Monomers	Report Only	8.00%	HPLC
Catechin	Report Only	4.66%	HPLC
Epicatechin	Report Only	3.10%	HPLC
Gallic Acid	Report Only	0.11%	HPLC
Epigallocatechin Gallate	Report Only	0.13%	HPLC
CHEMICAL TEST			
Loss on Drying	≤5.00%	3.47%	CP2015
Pesticide Residue	Meet EC396	Complies	EC396
Benzo(a)pyrene	≤10µg/kg	Complies	GC-MS
Sum of PAH4	≤50µg/kg	Complies	GC-MS
Total Aflatoxins (as aflatoxins B1,B2,G1,G2)	≤10µg/kg	Complies	GC-MS
HEAVY METALS			
Heavy Metals	≤10.00 ppm	Complies	Atomic Absorption
Lead (Pb)	≤0.50 ppm	Complies	Atomic Absorption
Arsenic (As)	≤0.50 ppm	Complies	Atomic Absorption
Cadmium (Cd)	≤0.10 ppm	Complies	Atomic Absorption
Mercury (Hg)	≤0.10 ppm	Complies	Atomic Absorption
MICROBIOLOGICAL TEST			
Total Plate Count	≤1000 cfu/g	Complies	CP2015
Yeast & Mold	≤100 cfu/g	Complies	CP2015
E.Coli	Negative	Negative	CP2015
Salmonella	Negative	Negative	CP2015
Staphylococcus	Negative	Negative	CP2015
General Status			
GMO	NON-GMO		
Irradiation	NON-Irradiation		