

Certificate of Analysis

General Information			
Product Name	Grape Seed Extract	Part of Used	Grape Seed
GMO Status	GMO Free	Representative QTY	500 kg
Batch No.	PTZ20190318	Manufacture Date	2019-03-18
Analysis Date	2019-03-25	Expire Date	2021-03-17
Item	Specification	Method	Result
Physical Property			
Appearance	Fine Powder	Organoleptic	Conforms
Color	Tan to Brown	Organoleptic	Conforms
Odour	Light Smell and Astringent	Organoleptic	Conforms
Mesh Size	100% through 80 mesh size	GB/T 5507	Conforms
General Analysis			
Identification	Identical to R.S. sample	USP39	Conforms
Assay	Procyanidins $\geq 95\%$	SW/T 1	96.58%
Loss on Drying	$\leq 5.0\%$	GB 5009.3	3.64%
Ash	$\leq 3.0\%$	GB 5009.4	1.27%
Contaminants			
Solvents Residue	Meet Eur.Ph8.0<5.4>	Eur.Ph 8.0<2.4.24>	Conforms
Pesticides Residue	$\leq 1.0\text{mg/kg}$	CP2015	Negative
Lead(Pb)	$\leq 2.0\text{mg/kg}$	GB 5009.12	$< 0.09\text{mg/kg}$
Arsenic(As)	$\leq 1.0\text{mg/kg}$	GB 5009.11	$< 0.1\text{mg/kg}$
Cadmium(Cd)	$\leq 1.0\text{mg/kg}$	GB 5009.15	$< 0.06\text{mg/kg}$
Mercury(Hg)	$\leq 0.1\text{mg/kg}$	GB 5009.17	$< 0.005\text{mg/kg}$
Microbiological			
Total Plate Count	$\leq 1000\text{cfu/g}$	GB 4789.2	Negative
Yeast & Mold	$\leq 100\text{cfu/g}$	GB 4789.15	Negative
S.Aureus	Negative	GB 4789.10	Negative
E.Coli.	$< 10\text{ cfu/g}$	GB 4789.3	Negative
Salmonella	Negative	GB 4789.4	Negative
Shelf Life	24 months under the conditions below, no antioxidant used		
Package&Storage	Standard packed in fiber-drum and two plastic bags inside N.W: 25kgs. I.D. 35 x H51 cm Ventilated, dry, dark place, temperature under 35 °C.		
Manufacturer	Xi'an Sost Biotech Co., Ltd.		

QC Manager: Guo Shan

QA: Feng Li
