

SHAANXI YOUGU BIOTECHNOLOGY CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: Tannic Acid(Industry grade)	Mfg Date: Jan.28,2019	Date Test: Jan.29, 2019	
Botanical Name: <i>Galla Chinensis Mill</i>	Plant Part: Insect gall	Exp. Date: Jan.27,2021	
Batch No.: 19012901	Solvents Used: Water	Weight: 1000 KG	
Items	SPECIFICATIONS	Results	METHOD/STANDARD
DESCRIPTION			
Characters	Powder	Qualified	Organoleptic
Color	Light Yellow	Qualified	Organoleptic
Odor	Practically odorless	Qualified	Organoleptic
Taste	Neutral/slight astringent taste	Qualified	Organoleptic
Mesh	60	100% pass through 60 mesh	--
Water Insoluble	≤0.5%	0.030%	LY/T 1300
Loss on drying	≤9.0%	7.62%	LY/T 1300
Total Color (Lovibond Unit)	≤2.0	1.5	LY/T 1300
Identification:		Positive(+)	By UV/TLC
Assay(On dry basis)	≥81.0% Tannic Acid	81.74%	UV
Heavy Metals	≤10ppm	Qualified	CP2010
Pb	≤1ppm	Qualified	CP2010
As	≤1ppm	Qualified	CP2010
Hg	≤0.1ppm	Qualified	CP2010
Cd	≤1.0ppm	Qualified	CP2010
Microbiological			
Total Plate Count	1000cfu/g Max	<100cfu/g	CP2010
Yeast& Mold	100cfu/g Max	<50cfu/g	CP2010
E.Coli colonies/g	Negative(-)	Negative	CP2010
Samonella colonies/g	Negative(-)	Negative	CP2010
General Status			
GMO Free	None	Qualified	--
Non-Irradiation	None	Qualified	--
Conclusion: LY/T 1300-2005 Tannic acid(for industrial use)			
Packing: Packed in paper-drums and two plastic-bags inside N.W: 25kgs. I.D. 35 x H51cm			
Storage: Cool & dry place. Do not freeze. Keep away from strong light and heat			
Shelf life: 2 Years under the conditions above and in its original packaging.			

 QC MANAGER: Jianyuan Cai


 APPROVER: Huiqing Jiao


 ANALYST: Yanping Xiao
