

SHAANXI YOUGU BIOTECHNOLOGY CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: Gallic acid(monohydrate)	Date Test: Mar.29,2019	Mfg Date: Mar.28,2019
Botanical Name: <i>Galla Chinensis Mill</i>	Plant Part: Insect gall	Exp. date: Mar.27,2021
Criteria: LY-T 1644-2005	Solvents Used: Water	Weight: 1000 kg
Batch No.: 19032814	Origin: China	

Items	SPECIFICATIONS	Results	METHOD/STANDARD
Characters	Powder	Qualified	Organoleptic
Color	A white to beige powder	White powder	Organoleptic
APHA	≤180	170	LY-T 1644-2005
Loss on drying	≤10.0%	9.11%	LY-T 1644-2005
Solubility(Turbidity)			
50mg/ml ETOH	Clear	Clear	LY-T 1644-2005
Residue on Ignition	≤0.1%	0.036%	LY-T 1644-2005
Impurity of aromatic compounds	≤1.0%	0.123%	HPLC
Identification:		Positive(+)	By HPLC/TLC
Assay	≥99.5%	99.86%	HPLC
Tannic acid	≤1.0 ppm	Qualified	LY-T 1644-2005
Sulfate	≤10 ppm	Qualified	LY-T 1644-2005
Pb	≤10pm	Qualified	LY-T 1644-2005
As	≤3pm	Qualified	LY-T 1644-2005
General Status			
GMO Free	None	Qualified	--
Non-Irradiation	None	Qualified	--

Conclusion: Confirm to Standard LY-T 1644-2005

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

