

SHAANXI YOUGU BIOTECHNOLOGY CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: PROPYL GALLATE	Date Test: Jul.28,2019	Mfg Date: Jul.27,2019
Criteria: EP 9.0	Exp. date: Jul.26,2021	Origin: China
Batch No.: 19072701	Weight: 1000 kg	

ITEMS	SPECIFICATIONS	RESULTS	METHOD/STANDARD
DESCRIPTION			
Characters	Powder	Qualified	Organoleptic
Color	White Crystalline Powder	Qualified	Organoleptic
Melting point	148~151℃	148.1~149.2℃	--
Loss on drying	≤0.5%	0.13%	--
Gallic Acid	≤0.5%	0.023%	--
Sulphate Ash	≤0.1%	0.034%	--
Identification:		Positive (+)	By TLC/HPLC
Assay (On dry basis)	98.0%~102.0%	99.82%	HPLC
Heavy Metals (PB)			
As (As ₂ O ₃)	≤3ppm	Qualified	--
Zn	≤25ppm	Qualified	--
Hg	≤1ppm	Qualified	--
Chlorides	≤100ppm	Qualified	--
Total Chlorine	≤200ppm	Qualified	--
Solution in Ethanol (96%)	Clear	Clear	--
General Status			
GMO Free	None	Qualified	--
Non-Irradiation	None	Qualified	--

Conclusion: Confirm to Specification

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: JianyuanCai

APPROVER: Huqing Jiao

ANALYST: Yanping Xiao