

Shaanxi LonierHerb Bio-Technology Co., Ltd.

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Certificate of Analysis

Product Information			
Product Name	Vitamin E (TPGS)	Manufacture Date	2020.08.12
Batch Number	TPGS200812	Analysis Date	2020.08.17
Batch Quantity	200KG	Expiry Date	2022.08.11

Test items	Specifications	Result	Test Methods
Tocopherols(C ₂₉ H ₅₀ O ₂)	NLT25%	26.80%	USP Method

Physical & Chemical Data			
Appearance	White to yellowish Waxy solid	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Identification	The retention time for the major peak of the test solution corresponds to that in hte standard solution, as obtained in the test for content	Positive	GC
Water-solubility	Meets the requirements	Meets the requirements	Visual
Acidity	<1.5ml	1.2ml	USP
Specific Rotation	> +24°	+24.7°	USP<781>

Contaminants			
Lead (Pb)	<3.0mg/kg	0.26mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	0.20mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	0.08mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	0.001mg/kg	ICP-MS

Microbiological			
Total Aerobic Count	≤ 1000cfu/g	120cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	10cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10

Storage & Packing

Shelf Life:	24 months in the unopened original container.
Packing :	25KG iron drum (Food grade).
Storage:	It shall be stored at ambient temperature, dry conditions, protected from heat, light and oxygen.

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娜

Checker: 李明

Approved:

