

Certificate of Analysis

Product Information			
Product Name	D-α-Tocopheryl Acetate	Batch No.:	VDC210906
Specification	1000IU	Quantity:	200KG
Manufacture Date	2021.09.06	Expiry date:	2023.09.05
<i>Test items</i>	<i>Specifications</i>	<i>Result</i>	<i>Test Methods</i>
Physical & Chemical Data			
Color	Slight yellow	Conforms	Visual
Odour	Nearly odorless	Conforms	Organoleptic
Appearance	Clear viscous oily liquid	Conforms	Visual
Identification	Positive	Conforms	HPLC
GMO status	Free GMO	Conforms	PCR-testing
Acidity	≤ 0.5ml	0.1ml	USP
Specific Rotation	≥ +24°	24.8°	USP<781>
Content of D-α Tocopheryl Acetate	≥ 73.5%	73.79%	HPLC
Assy(IU/g)	≥1000IU/g	1006IU/g	HPLC
Contaminants			
Lead (Pb)	<2.0mg/kg	0.26mg/kg	ICP-MS
Arsenic (As)	<1.0mg/kg	0.20mg/kg	ICP-MS
B(a)p	≤ 2ppb	<1ppb	GC-MS
Microbiological			
Total Aerobic Count	≤ 1000cfu/g	20cfu/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

Conclusion: Conform to the in-house Standard and USP36.

Packing : 20KG & 200KG steel drums (Food grade).

Storage: 24 months in the unopened original container.

It shall be stored at ambient temperature, dry conditions, protected from heat, light and oxygen.

Tested by: 张丽娜

Checker: 李明

Approved:

