



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Product Name	DL-a-Tocopheryl Succinate	Manufacture Date	Dec.7,2023
Batch Quantity	450 KG	Analysis Date	Dec.8,2023
Batch Number	23120701GS	Certificate Date	Dec.11,2023
CAS No.	17407-37-3		
ITEMS OF ANALYSIS	SPECIFICATIONS	RESULTS	
Assay			
D-alpha tocopheryl succinate	96-102%	Conforms	
	≥1161.6 IU/g	Conforms	
Physical & Chemical Data			
Color	White powder	Conforms	
Odor	Nearly odorless	Conforms	
Analytical Quality			
Chemical reaction	Positive	Conforms	
Melting point	73-78°C	Conforms	
Acidity	18.0-19.3ml	Conforms	
Optical rotation	≥+24°	Conforms	
Bulk density	0.20g/cm~60g/cm ³	Conforms	
Contaminants			
Heavy metals	≤10ppm	Conforms	
* Arsenic	≤3ppm	Conforms	
*Lead	≤2ppm	Conforms	
* Mercury	≤1ppm	Conforms	
* B(a)p	<2ppb	Conforms	
*PAH4	≤10ppb	Conforms	
TAMC	≤1000cfu/g	Conforms	
Yeast&Moulds	≤100cfu/g	Conforms	
E.coli	Negative/10g	Negative/10g	
Conclusion	This product conforms to the standard.		
Storage	Stored humidity protected (less than 60) at temperatures below 25 °C.		
Shelf life	2 years when properly stored.		

Quality Assurance: Liang Yan

