

Products Name:D-alpha-Tocopherol succinate

Batch No.: BIOF20221211

Mfg Date: December. 10th, 2022

Report Date: Decemebr 11th, 2022

Determination	Specification	Results	Method
PHYSICAL PROPERTIES			
Appearance	White crystal powder	Conforms	Visual
CHEMICAL			
Tocopherol succinate Content(%)	96.0-102.0	97.76 %	GB1886.233
D-alpha Tocopherol succinate content (IU/G)	1161-1234	1183	GB1886.233
Acidity/(ml)	18.0-19.3	18.86	USP
Rotation	≧ +24°	Conforms	USP
Ash	≧ 6.0%	2.40%	USP<.231>11
Lead	≧ 0.2ppm	0.0085ppm	AFS
Mercury	≧ 0.02ppm	0.0029ppm	AFS
Cadmium	≧ 0.4ppm	0.12ppm	AFS
Arsenic	≧ 0.2ppm	<0.12ppm	AFS
MICROBIAL			
Total Plate Count	≧ 30,000cfu/g	410 cfu/g	USP<61>
Coliforms	≧ 10 cfu/g	<10 cfu/g	

Analyzed by: Danrui Zhao

Approved by: Liwei Chang

