



Certificate of Analysis

Product Name	DI- α -Tocopheryl Acetate Powder		
Batch No.	2017040505	Specification	50%SF
Sample Source	Nutritional Products Division	Package	Bag
Mfg. Date	2017/04/29	Quantity	3000kg
Expiry Date	2020/04/28	Test Standard	QCS 61.035.00(1.2)

ITEMS	METHODS	SPECIFICATIONS	RESULTS
Appearance	Visual	White or almost white to pale yellow-green free-flowing powder	Almost white free-flowing powder
Identification			
Coloration reaction	USP	Positive	Conform
Optical rotation	USP<781>	To conform	Conform
GC	USP<621> EP2.2.28	Conforms to the reference solution	Conform
TLC	EP2.2.27	The position and size of the principal spot corresponds to that of the reference solution	Conform
Loss on drying	USP<731> EP2.2.32	$\leq 5.0\%$	1.8%
Heavy metals (as Pb)	USP<231>II EP2.4.8	$\leq 0.001\%$	<0.001%
Arsenic(as As)	USP<211>II EP2.4.2	$\leq 0.0003\%$	<0.0003%
Assay	USP<621> EP2.2.28	$\geq 50.0\%$	52.1%
Microbial test			
Total aerobic microbial count	USP<2021> EP2.6.12	$\leq 1000\text{cfu/g}$	<10cfu/g
Total moulds and yeasts count	USP<2021> EP2.6.12	$\leq 100\text{cfu/g}$	<10cfu/g
Enterobacterial	USP<2021> EP2.6.13	$\leq 10\text{cfu/g}$	<10cfu/g
*Salmonella	USP<2022> EP2.6.13	n.d./25g	Certified
*Escherichia coli	USP<2022> EP2.6.13	n.d./10g	Certified
*Staphylococcus aureus	USP<2022> EP2.6.13	n.d./10g	Certified
*Pseudomonas aeruginosa	USP<2022> EP2.6.13	n.d./10g	Certified

Conclusion: Conform to QCS 61.035.00(1.2)

Remark: * Performed the tests once half a year.
 "certified" indicates data obtained by statistically designed sampling audits.

Reviewer: 章晗英 2017/05/09

Approver: 邵丽玲 2017/05/10