



CERTIFICATE OF ANALYSIS (COA)

(Representative Sample Analysis)

Product Name: Vitamin E Acetate (S)

Physical & Chemical Characteristics

Test Item	Specs	Result
Description	Clear, colourless slightly greenish-yellow, Viscous, oily liquid, Ph.Eur/USP/FCC	Clear, slightly greenish-yellow, Viscous, oily liquid.
Identification		
Optical rotation	-0.01° - +0.01°, Ph.Eur.	Meets standard
IR	Conform, Ph.Eur./USP/FCC	Conform
Color reaction	Conform, USP/FCC	Conform
Retention time	Conform, USP/FCC	Conform
Related Substances		
Impurity A	≤0.5%, Ph.Eur.	Meets standard
Impurity B	≤1.5%, Ph.Eur.	Meets standard
Impurity C	≤0.5%, Ph.Eur.	Meets standard
Impurities D and E	≤1.0%, Ph.Eur.	Meets standard
Any other impurity	≤0.25%, Ph.Eur.	Meets standard
Total impurities	≤2.5%, Ph.Eur.	Meets standard
Acidity	≤1.0ml, USP/FCC	Meets standard
Residual Solvents	To conform(In-house)	Conform
Heavy metals		
Pb	≤2mg/kg, FCC	Meets standard
Arsenic	≤1mg/kg(in-house)	Meets standard
Copper	≤25mg/kg(in-house)	Meets standard
Zinc	≤25mg/kg(in-house)	Meets standard
Palladium	≤5ppm(in-house)	Meets standard
Assay		
Assay(Ph.Eur.)	96.5% ~ 102.0%, Ph.Eur.	Meets standard
Assay(Ph.Eur.)	434.3mg a-tocopherol/g ~459.0mg a-tocopherol/g, Ph.Eur.	Meets standard
Assay(USP/FCC)	96.0%~102.0%,USP/FCC	Meets standard

Assay(USP/FCC)	432.0mg a-tocopherol/g	Meets standard
TAMC	≤1000cfu/g, Ph.Eur./USP	Certified
TYMC	≤100cfu/g, Ph.Eur./USP	Certified
Escherichia coli	n.d./g, Ph.Eur./USP	Certified
Pseudomonas aeruginosa	n.d./g, Ph.Eur./USP	Certified
Staphylococcus aureus	n.d./g, Ph.Eur./USP	Certified
Enterobacterial	n.d./g, Ph.Eur./USP	Certified
Salmonella	n.d./10g, Ph.Eur./USP	Certified

User Responsibility Statement

This Certificate of Analysis is provided for reference purposes only. Users are responsible for determining the suitability for their intended use and ensuring compliance with applicable regulations.

Conclusion

This product meets the specified requirements.

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Certification

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