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Certificate of Analysis

Catalogue Number 33062
Lot Number 002786-180419
Product **DL- α -Tocopherol acetate**

Vitamin E acetate

CAS Number 7695-91-2
Molecular Formula C₃₁H₅₂O₃
Molecular Weight 472.74

Appearance Clear, colorless slightly greenish-yellow viscous,oily liquid
Heavy Metals Lead: \leq 2 mg/kg
Arsenic: \leq 1 mg/kg
Copper: \leq 25 mg/kg
Zinc: \leq 25 mg/kg
Cation Lead : < 0.5 ppm
Copper : < 2 ppm
Zinc : < 2 ppm
Arsenic : < 1 ppm
Acidity 0.06 ml
Yeast and Mold < 100 cfu/g
Optical Rotation [a]_D²⁰ = 0.00°
Infrared Spectrum Conforms to structure
Residual Solvents Isobutyl acetate : < 0.5%
E. Coli, Salmonella, S.Aureus Negative
Microbial Count < 1000 cfu/g (TPC)
Pseudomonas Aeruginosa Negative
Related Substances Impurity A: < 0.1%
Impurity B: 0.61%
Impurity C: < 0.1%
Impurity D & E: < 0.1%
Any other impurity : < 0.1%
Total impurities : 0.61%
Assay 99.5%

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Grade EP/USP/FCC

Storage Store at 2-8°C

Additional Information Bile-Tolerant bacteria : Negative

Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager