



318 Half Day Rd, PMB 348, Buffalo Grove, IL 60089

Specification Sheet

Product : Vitamin E Acetate

Description	Specification	
	Min	Max
Appearance	Colorless, slightly greenish-yellow, a clear, viscous oily liquid	
Assay, % EP	96.5	102
% USP/FCC	96	102
% In-house	98	102
Identification		
A. Optical rotation, EP	−0.01°	0.01°
B. TLC	To conform EP/USP/FCC	
C. Color reaction	To conform EP	
D. Retention time, GC	To conform USP/FCC	
Acidity	Max 1.0 ml USP/FCC	
Related Substances		
Impurity A, % EP	Max 0.5	
Impurity B, % EP	Max 1.5	
Impurity C, % EP	Max 0.5	
Impurities D and E, % EP	Max 1.0	
Any other Impurity, % EP	Max 0.25	
Total Impurities, % EP	Max 2.5	
Residual Solvents, % In-house	Max 0.5	
Isobutyl Acetate, ppm FCC	Max 2	
Lead, ppm In-house	Max 25	

Copper, ppm In-house	Max 25
Zinc, ppm In-house	Max 1
Arsenic, ppm In-house	Max 1
Total Plate Count, CFU/g EP/USP	Max 1000
Yeast & Mold, CFU/g EP/USP	Max 100
E. Coli, g EP/USP	Negative/10
Salmonella, g EP/USP	Negative/10

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