

Certificate of Analysis

Order No.: 455079  
 Delivery No.: 80533031  
 Date Of Shipment: Mar. 29, 2004

Cust. Ord. No: 30950  
 Shipped Via: FEDEX FREIGHT WEST (VIKING)

Product Description:  
 COVITOL F80/20M  
 Customer Code: T-005

Batch Number: U43J31FM06

Characteristic	Values	Specifications	
		Min	Max
ACIDITY, ML	Certified		1.0
D-DELTA-TOCOPHEROL, MG/G	38.0		
D-BETA-TOCOPHEROL, MG/G	18.0		
D-GAMMA-TOCOPHEROL, MG/G	145.0		
D-ALPHA-TOCOPHEROL, IU/G	936.0	800.0	1000.0
D-ALPHA-TOCOPHEROL, MG/G	628.0	537.0	671.0
TOTAL TOCOPHEROLS, MG/G	829	697	875
HEAVY METALS (PB), PPM	Certified		10.0
IDENTIFICATION, USP METHOD C	Pass		
NON-ALPHA, MG/G	200.0	190.0	
ORGANIC VOLATILE IMPURITIES	Certified		
SPECIFIC ROTATION, + DEGREES	Certified	24.0	
Meets Dutch B&P levels 6Feb03	Pass		
DATE OF MANUFACTURE	Nov 01 2003		

COUNTRY OF ORIGIN: USA

Natural Source Mixed Tocopherol (Vitamin E) oil,  
 d-alpha-tocopherol, d-beta-tocopherol, d-delta-tocopherol,  
 and d-gamma-tocopherol.  
 The shelf life for this product is 36 months.  
 "Certified" indicates data obtained by statistically  
 designed sampling and audit.  
 PCR Negative.