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SPECIFICATION SHEET

Product Name	Mixed Tocopherol Powder		
Specification	PT-30S	Package	Bag
Sample Source	Nutritional Products Division		
Quantity	2960.0kg	Test Standard	QCS61.018.20(1.3)
ITEMS	METHODS	SPECIFICATIONS	
Description	Visual	Almost white to pale-yellow free-flowing powder	
Identification			
Retention Time	GC	Corresponds to RS	
Specific Rotation	USP<781>	≥ + 20°	
Heavy Metals (as Pb)	USP<231>	≤10ppm	
Lead	ICP-MS	≤10ppm	
Loss on Drying	USP<731> Ph.Eur.2.2.32	≤5.0%	
Residual Solvents			
Hexane	USP<467>	≤29ppm	
Isobutyl Acetate	USP<467>	≤500ppm	
GMO Status	/	Negative	
B(a)P ¹	GC-MS	≤1.8ppb	
Assay			
Total tocopherols	USP<621>	≥30%	
RRR-α-tocopherol	USP<621>	350 IU/g-462 IU/g	
Non-α-tocopherol	USP<621>	≥5.9%	
Microbiological tests			
Aerobic bacterial count	USP<2021>	≤1000cfu/g	
Moulds & yeasts	USP<2021>	≤100cfu/g	

Conclusion: Conform to QCS61.018.20(1.3)

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :


Abdullah Malik (QA)