



# Trafa Pharmaceutical Inc.

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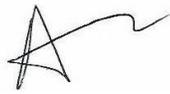
## SPECIFICATION SHEET

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