

	ALYA DENETIM GOZETIM GIDA LTD STI ADANA TURKEY			Doc. No FR-67A
	www.uniwhey.com Email: info@uniwhey.com			
	UNIWEHY WHEY POWDER ANALYSIS REPORT			
	NAME OF PRODUCT 70% DEMINERALIZED WHEY POWDER 5% PROTEIN			
VISUAL PROPERTIES	Taste and Smell	Unique Flavor, Aroma		
	Appereance and Color	Powder, Creamy Light Yellow		
	Structure	Homogeneous appearance without soll structure and does not include preservatives colorants and other additives		
		Specifications	Method	Reference
PHYSICAL PROPERTIES	Moisture Content	max 4,5%	TS 11860/10.1995	Gravimetric Oven 103 ±2°C
	Fat Content	max 1,5%	TS 11860/10.1995	Gerber
	Protein			
	Fat-Free Dry Matter	min 5%	IDF Standard 20B:1993	Titration
	Lactose Content	min 80%	TS 11860/10.1995	Method of calculation
	Total Ash Content	max 8%	TS 11860/10.1995	Muffle Furnaces 825 ±25°C
	Salt Content	max 2,5%	-----	Titration
	Acidity in Lactic Acid	max 0,2%	TS 11860/10.1995	ADMI:1971
	ph(%10 solution)	min 6%	Ts 11860	ph Meter
	Bulk Density kg /lt	min 0,6%	NADRG:1978	Volumetric Gravimetric
		Solubility Index	min 99%	TS11860/10.1995 TS1329
		Specifications	Method	Reference
MICROBIOLOGICAL PROPERTIES	Yeast and Mold	Max 100	Pitt & Hocking 1997(86)	YGC Agar 25°C 5 days
	S. Aureus(*)	10 kob/g	Arion 1998(38)	Braid - Parker Agar 37°C 48 hrs
	Salmonella spp.	None 0/25g-ml	ISO:6579	37°C 24 hrs
	Total Mesophilic Aerobic Microorganism kob/g	Max 50000	ISO-1019	Plate count Agar 30°C 48 hrs
	L. Monocytogenes	None 0/25g-ml	ISO-11290	Fraser Broth 35-37°C 48 hrs
	E. Coli	Negative	FDA :1998	Fluorocult VRB Agar 37°C 24 hrs
	Staph. Enterotoxin mg/kg	Negative	Elisa	Elisa
	Aflatoxins M1 mg/kg	max 0,0005	Elisa	Elisa
	Pesticide Residue	Negative		
	Enterobacteria kob/g	<10 cfu/g	FDA :1998	Fluorucolt VRB Agar 37°C 24 hrs
	Antibiotic	Negative		

ADDITIONAL INFORMATION	Packing: Min 3 ply paperbags with polyinner bag of 25kg net. Storage and Shelf Life: Up to 12 months in the original packing under optimal storage conditions. Cool, dry and odor free temperature below 25 degree.
------------------------	---