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Chamber of Commerce no.: 55412165

	TECHNICAL SPECIFICATIONS, Analysis	REVIEW: 04 DATE: 09/09/2019
	UNOLI Margarine 80%	Page 1

INGREDIENT DECLARATION	<i>range</i>	<i>Method</i>
Fats: Refined palm oil	Min 80%	internal
Moisture and volatile matter	16-18%	aoocs Ca 2b - 38
salt	1.8- 2.3	Titration Mohr
Vegetable emulsifier, E471, E322		
Antioxydant E320, E319		
preservative E385, E524, E330		
Butter flavouring		
colour E160a, E160bAnti		
Peroxide Value	max 1.0, at time of shipment	AOCS Cd 8-53
Total fats 80% of which:		
Saturated fats		Gas Chromotography NFT EN ISO 5508
Unsaturated fats		Gas Chromotography NFT EN ISO 5508
Poly unsaturated fats		Gas Chromotography NFT EN ISO 5508
Cholesterol		Gas Chromotography NFT EN ISO 5508

ORGANOLAPTIC INFORMATION		
colour:	dark yellow	AOCS Cc 13e - 92
odour:	butter	INTERNAL
taste:	butter, slightly salted	INTERNAL

MICROBIOLOGICAL INFORMATION	<i>Unit</i>	
total plate count	CFU/gram	SNI 01-2897-1992
Coliform	MPN/gram	SNI 01-2897-1992
Escherica coli	MPN/gram	SNI 01-2897-1992
Salmonella sp	/25 gram	SNI ISO 6579:2015
Staphylococcus	CFU/gram	SNI ISO 6888-1:2012
yeasts	CFU/gram	SNI 01-2897-1992
moulds	CFU/gram	SNI 01-2897-1992
enterobacteriaceae	CFU/gram	ISO 21528.2:2004

Heavy metals	<i>Unit</i>	
Copper (Cu)	ppm	SNI 01-2896-1998, POINT 5
Cadmium (Cd)	ppm	SNI 01-2896-1998, POINT 5
Zinc (Zn)	ppm	SNI 01-2896-1998, POINT 5
Tin (Sn)	ppm	SNI 01-2896-1998, POINT 5
Lead (Pb)	ppm	SNI 01-2896-1998, POINT 5
Arsenic (As)	ppm	SNI 01-4866-1998
Mercury (Hg)	ppm	SNI 01-2896-1998, POINT 6

Pesticides Content		
Hexachlorane gamma-isomer	mln-1 mg/kg	NEN EN 12393, NEN-EN 15662
DDT	mln-1 mg/kg	NEN EN 12393, NEN-EN 15662
Heptachlor	mln-1 mg/kg	NEN EN 12393, NEN-EN 15662

We hereby certify that the information on this Certificate of Analysis is true and correct and that the contents of this shipment are as stated above.

Yours sincerely,

Elburg Global B.V.
Vegetable Oils & Fats