## **TFB TRADING AUSTRALIA PTY LTD**

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PRODUCT SPECIFICATION: Hulled Hemp Toasted Organic

Description		Whole toasted hempseed non-viable. Edible ingredient for baking, brewing, blend for mixes, ground butters or non-dairy beverages, snacks or as a topping				
Origin	Canada	Canada				
Production Statement		This product is processed using Good Manufacturing Practices (GMP) in ISO 22002:2009 certified facilities operated by HCI Production Services				
	33.00.	tled brown in colour and toasted flavour				
	Contificate of	Certificate of Analysis Criteria per 100g				
	Aerobic Plate Count	< 100,000 CFU/g				
	Total Coliform	< 1000 CFU/g				
	E-Coli	None detected at < 10 CFU/g				
	Salmonella	Negative in 25g				
	Staphylococcus aureus	None detected at < 25 CFU/g				
	Yeast & Mould	< 1000 CFU / g				
Physical Standards	Gluten	< 20 ppm				
riiysicai Stailuaius	Protein	25 - 30 %				
	Fat	30 - 37 %				
	THC Content	< 10 ppm				
	Ash	4 – 6 %				
	Beta-carotene	< 50.9 IU / 100g				
	Calories	460 - 470 cal				
	Cholesterol	0 mg				
	Free Fatty Acids	0 – 2.0 % expr. in Oleic Acid				
	Peroxide Value	0 - 4 meq / kg				
	pH Value	5.9				

Form: 1593 Revision Number: 01-02 Issue Date: 17.09.2019 Revision Date: 25.02.2021

		Weight per 100g	% of Total Fat
	Linoleic Acid (LA) (Omega 6)	18.6	55
	Alpha linolenic acid (ALA (Omega 3)	5.2	545
	Oleic Acid (Omega 9)	4.1	11.85
	Palmitic acid	2.6	7.51
	Stearic acid	1.2	3.47
	Gamma linolenic acid (GLA)	1.0	2.89
Passes Antal Ameliants	(Omega 6)		
Fatty Acid Analysis	Arachidic acid	0.4	1.16
	Stearidonic acid (SDA)	0.3	0.87
	(Omega 3)		
	Vaccenic Acid	0.3	0.87
	Nervonic Acid	0.3	0.87
	Behenic acid	0.2	0.58
	C20 cis-11-eicosenoic	0.2	0.58
	Lignoceric acid	0.2	0.58
	Glutamic Acid	3.16	
	Aspartic Acid	2.01	
	Arginine	1.93	
	Leucine	1.26	
	Valine	1.03	
	Serine	0.93	
	Alanine	0.90	
Amino Acids Analysis per 100g	Glycine	0.89	
7 mm	Phenylalanine	0.88	
	Proline	0.76	
	Threonine	0.76	
	Isoleucine	0.71	
	Lysine	0.69	
	Cystine	0.59	
	Tyrosine	0.50	_
	Histidine	0.49	_
	Methionine	0.49	
	Tryptophan	0.22	
Allergens	Nut, dairy and gluten free		
GMO Status	GMO Free – Document available upon request		
Claims & Certifications	OU Kosher Certified Organic		
Packaging	25 kg bags		
Shelf Life	12 months from the date of manufacturing		

Form: 1593 Revision Number: 01-03 Issue Date: 17.09.2019 Revision Date: 25.02.2021

Optimal Storage Conditions	Maintain in a cool dry environment away from oxidation, hat or sunlight. Humidity $30-50\%$ at < $20$ degrees Celsius / < $68$ degrees Fahrenheit	
pplicable Quality Certifications ISO 22000:2005, ISO 22002-1:2009 and additional FSSC 22000 Requirements		

## uidance on use of information:

The information in this specification should be taken as a guide only. Values can vary with variety, conditions of growth and age of the product when used. We have taken a reasonable effort to ensure that the information is true and accurate at time of writing.

## **Intended Use:**

This product is an agricultural commodity processed in order to meet or exceed this specification as detailed above and is intended for sale to manufacturers and wholesalers. It is the responsibility of the purchaser to ensure the product is suitable for sale to their business and retail customers. This includes provision of the appropriate consumer labelling content that incorporates a 'direction for use statement' and/or 'warning statements' to mitigate any risks arising from the nature of the product (i.e. further cleaning/rinsing/cooking prior to consumption)

Please note: This specification is awaiting final approval by the supplier

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