

Material number	<b>BK00059/002</b>	Page	1/1
Internal number	<b>2138725</b>	Issue	07.05.2021
Material name	<b>MALT EXTRACT O.DIA. 20kg bags BINTANI LIGHT DRIED MALT EXTRACT EDL3070</b>		

**Definition**

Type	Bulk
Area	Malt extract recipe
PDM No.	BK00059
ERP No.	2138725
HG No.	MP255
PDM Name	ExM LigPowd 1x(20kg)AU

**Specification Details**

Product's physical state:	solid (powder. granules)
Customs tariff number	19019011
TARIC:	

**Legal**

Country of origin:	Switzerland
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**Ingredients****BARLEY malt extract****BARLEY, BARLEY malt.**

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## Allergens

Allergen	Yes	Traces	No	Which ingredient?	Comment
Cereals containing Gluten	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		internal requirement
- Barley	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		internal requirement
- Wheat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Spelt	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Other Triticum species such as Kamut	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Rye	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Oat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Eggs and egg products	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Peanut and peanut products (including oil)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Soya and soya products (flour, protein, lecithin and oil)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Milk and milk products (excl. Lactose)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Lactose	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Nuts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Almonds	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Hazelnuts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Walnuts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Cashew nuts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Pecan nuts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Brazil nuts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Pistachio	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
- Macadamia nuts / Queensland nuts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Celery or celery products	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Mustard (white or black) or mustard products	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Sesame or sesame products (including oil)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Sulphur dioxide and Sulphites (from 10mg/kg)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Lupine or lupine products (flour, protein)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Fish and fish products	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Crustacea and products thereof	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Molluscs and products thereof	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement

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## Further allergens

Allergen	Yes	Traces	No	Which ingredient?	Comment
Alkaloides (caffeine, theobromin, theophyllin)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Honey or honey products	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Meat & derivatives	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Animal fat (excl. milk fat or butter)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Yeasts and autolysed yeasts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Aspartame (E951)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Umbelliferae	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Coriander	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Garlic	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Glutamate (E620- E625)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
BHA (E320) + BHT (E321)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Benzoic acid (E210- E213)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Parabens (E214 - E219)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Azo dye	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Pine nuts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement
Buckwheat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		internal requirement

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## Nutritionals

Description	Unit	Quantity	Tolerance (min-max)
Energy	kcal	383	
Energy	kJ	1'627	
Fat	g/100 g	0.100	
of which saturates	g/100 g	0.000	
Carbohydrate	g/100 g	90.900	
from glucose	g/100 g	4.100	3.30-4.90
from fructose	g/100 g	0.800	0.60-1.00
from maltose	g/100 g	44.000	35.00-52.00
from maltotriose	g/100 g	8.500	6.80-10.20
from sucrose	g/100 g	1.000	0.80-1.20
from starch	g/100 g	0.100	0.10
of which sugars	g/100 g	49.900	39.70-59.10
Fibre	g/100 g	1.300	1.00-1.60
Protein	g/100 g	4.000	3.00-5.00
Water	g/100 g	2.000	1.00-3.00
Salt	g/100 g	0.020	
Ash	g/100 g	1.700	1.50-1.90

## Minerals

Description	Unit	Quantity	Tolerance (min-max)
Sodium	g/100 g	0.006	0.005-0.01
Potassium	g/100 g	0.600	0.54-0.66
Calcium	g/100 g	0.020	
Magnesium	g/100 g	0.074	
Phosphorus	g/100 g	0.310	

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## Chemical/physical Analyses

Analysis	Unit	Target	min.	max	Method	Comment	CoA
Dry matter	g/100 g	98.00	97.00	99.00			<input checked="" type="checkbox"/>
Colour 1	EBC	6.50	4.00	18.00		10% solution	<input checked="" type="checkbox"/>
Acid value	ml/100 g	12.00		20.00		1N NaOH	<input type="checkbox"/>
Brix	°Brix	10.00	8.00	12.00		10% solution	<input type="checkbox"/>
Bulk volume not comp	ml/100 g	300.00	280.00	320.00			<input type="checkbox"/>
Bulk volume compact	ml/100 g	195.00	170.00	210.00			<input type="checkbox"/>
Diastatic activity	°WK			11.00			<input type="checkbox"/>
pH		5.80	5.00	6.00		10% solution	<input checked="" type="checkbox"/>

## Organoleptic attributes

Analysis	Unit	Method	Description	CoA	Comment 2
Appearance / color		visual	yellowish-beige, homogeneous powder	<input checked="" type="checkbox"/>	internal requirement
Odour		Internal	pure malty	<input checked="" type="checkbox"/>	internal requirement
Taste		Internal	sweet, slightly bitter, typical malty	<input checked="" type="checkbox"/>	internal requirement
Texture / consistency		visual	powder	<input type="checkbox"/>	internal requirement

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## Chemical Contaminants

Analysis	Unit	Target	max.	Comment	CoA	Comment 2
Mycotoxin Aflatoxin M1	µg/g				<input type="checkbox"/>	food legislation
Mycotoxin Aflatoxin sum	µg/g				<input type="checkbox"/>	food legislation
Radioactivity	µg/g				<input type="checkbox"/>	food legislation
PCB	µg/g				<input type="checkbox"/>	food legislation
Chlorhydrocarbons	µg/g				<input type="checkbox"/>	food legislation
Chlorinated Solvents	µg/g				<input type="checkbox"/>	food legislation
Nitrate	µg/g				<input type="checkbox"/>	food legislation
Nitrite	µg/g				<input type="checkbox"/>	food legislation
Acrylamide	µg/g				<input type="checkbox"/>	food legislation
Growth regulators (Chlormequat, Mepiquat, Ethephon)	µg/g				<input type="checkbox"/>	food legislation
Pesticide Herbicides	µg/g				<input type="checkbox"/>	food legislation
Pesticide Fungicides	µg/g				<input type="checkbox"/>	food legislation
Pesticide Insecticides	µg/g				<input type="checkbox"/>	food legislation
Antibiotics	µg/g				<input type="checkbox"/>	food legislation
Mycotoxin Ochratoxin A	µg/g				<input type="checkbox"/>	food legislation
Mycotoxin Deoxynivalenol	µg/g				<input type="checkbox"/>	food legislation
Mycotoxin T2 and HT2	µg/g				<input type="checkbox"/>	food legislation
Mycotoxin Fumonisin B1 and B2	µg/g				<input type="checkbox"/>	food legislation
Mycotoxin Zearalenon	µg/g				<input type="checkbox"/>	food legislation
Mycotoxin Patulin	µg/g				<input type="checkbox"/>	food legislation

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## Microbiology

Germ	Unit	Target	m	M	Method	Comment	CoA
Total viable count	cfu/g		3000	10000	ISO 4833		<input checked="" type="checkbox"/>
Bacillus cereus	cfu/g		100	1000	ISO 7932		<input checked="" type="checkbox"/>
Enterobacteria	cfu/g		1	10	ISO 21528-2		<input checked="" type="checkbox"/>
Escherichia coli	cfu/g		1	3	ISO 16649		<input type="checkbox"/>
Yeast	cfu/g		100	500	ISO 21527		<input checked="" type="checkbox"/>
Moulds	cfu/g		100	500	ISO 21527		<input checked="" type="checkbox"/>
Salmonella	/50g	neg.			ISO 6579	Alternative Method Vidas Up	<input checked="" type="checkbox"/>

### Remarks to Microbiology:

m: Level that separates acceptable quality from marginally acceptable or unacceptable quality

M: Level above which is unsatisfactory or requires further investigation

**For all unmentioned organisms the legal tolerance or limiting values of the local Food Legislation have to be applied.**

## Dietary Information

Description	Yes	No	Comment
Vegetarian	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Lacto-Vegetarian	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ovo-Vegetarian	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ovo-Lacto-Vegetarian	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Vegan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kosher certified	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Kosher certifiable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Halal certified	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Halal certifiable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Halal MUI certified	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Organic	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**The products of Wander are not specifically developed for vegan diet.**

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**Foreign Bodies**

Is the product checked for Yes  
Foreign bodies?:

**Contaminants**

Do raw material undergo No  
an ionization treatment?:  
Can the supplier ensure Yes  
that the product is  
DIOXIN-FREE?:  
Is the product melamine Yes  
and/or CYANURIC ACID-  
FREE?:

**GMO****Description**

Yes

No

The product is GMO-FREE

**Information about GMO**

The supplier ensures that the delivered product is GMO free according to Swiss legislation, in particular in the ordinance LGV 2016, Art. 30-34 and 37 and according to EC-Regulation No 1829/2003 and 1830/2003 on genetically modified food and feed.

Yes

The delivered product is produced with genetically modified RAW MATERIAL or BACTERIAL STRAINS (incl. ingredients, additives, flavours and enzymes)?

No

Does the delivered product contain detectable GMO PROTEINS and/or GMO-DNA as determined by the official analytical methods?

No

Have GMO's ENZYMES been used during the production of any ingredient?

No





# Specification

Wander AG  
Fabrikstrasse 10  
3176 Neuenegg  
E-mail: qm@wander.ch  
Web: www.wander.ch

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## Shelflife and Storage conditions from production date

Time (months)	Temperature	Rel. Humidity	Packaging material	Source of Data
18	15-25 °C	< 75 % rH	Bags with PE-Inliner à 20 kg	

Packing units      Units à 20 kg