

PRODUCT SPECIFICATION		DATE OF ISSUE 20-08-2015	 <i>special food ingredients</i>
NIELSEN-MASSEY LEMON EXTRACT NATUURLIJK NATUURLIJK PRODUCT CODE: X1071, X1072, X1084		PRODUCTION: 96546	

1. PRODUCT IDENTIFICATION			
1.1 Supplier product information			
Product name	Nielsen-Massey lemon extract		
Production	96546		
Product code	Content	EAN	Packaging
X1071	60ml	025638850025	Glass bottle
X1072	118ml	025638850049	
X1084	530ml	025638850162	Plastic bottle 
1.2 Scientific product information			
Combined ingredient			
Main use	flavoring		
Ingredients	ethyl alcohol (90%), oil of lemon, water		
1.3 Legislative product information			
Country of Origin	USA		
Certification	gluten free	Certification number	3974
	Institute	Gluten Intolerance Group (GiG)	
Certification	Kosher	Certification number	CC2058417
	Institute	Chicago Rabbinical Council (CRC)	
2. PRODUCT INFORMATION			
2.1 Physical and Chemical properties			
	Unit	Specification	Method
Appearance		liquid	
Colour		yellow-orange	
Odour/taste		taste and aroma of lemon	
Bulk density	g/cm³	0,815	25°C
Solubility		water soluble	
Flash point	°C	20	
Boiling point	°C	78-100	
2.2 Microbiological data			
No microbial standards due to high alcohol			

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2.4 Nutritional Information

2.4.1 Nutritional Values

Energy	kJ/100g	2800	
Energy	kcal/100g	669	
Protein	g/100g	0	
Carbohydrate:	g/100g	0,10	
Of which Sugars	g/100g	0,10	
Polyols	g/100g		
Starches	g/100g		
Others	g/100g		
Fat:	g/100g	1,16	
Of which Saturated	g/100g	1,13	
Mono-unsaturated	g/100g	0	
Poly-unsaturated	g/100g	0,03	
Transfatty acids	g/100g	0,0	
Cholesterol	mg/100g	<1,0	
Water	g/100g		
Organic acid	g/100g		
Dietary fiber	g/100g	0,0	

2.4.2 Minerals

Sodium (Na)	mg/100g	0,38	
Calcium (Ca)	mg/100g	0	
Iron (Fe)	mg/100g	0,2	

3. FOOD INTOLERANCE

3.1 Allergens

Yes = ✓ / No = ✗	Contains	Direct Contamination	Cross-Contamination (Risk)
Celery and celery products	✗	✗	✗
Cereals containing gluten and products produced with these (wheat, rye, oats,	✗	✗	✗

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spelt and Kamut, barley, Triticale)			
Crustaceans and Shellfish	X	X	X
Eggs and egg products	X	X	X
Fish and fish products	X	X	X
Lupin and products thereof	X	X	X
Milk and milk products	X	X	X
Mustard and mustard products	X	X	X
Nuts and nut products	X	X	X
Peanuts and peanut products	X	X	X
Sesame and sesame products	X	X	X
Soybean and soybean products	X	X	X
Sulphite (E221 – E228)	X	X	X
Sulphur dioxide (>10mg/kg)	X	X	X

3.2 Suitability for other diets:

Coeliacs	✓	Lactose intolerant	✓
Halal	X	Vegans	✓
Kosher	✓	Vegetarian	✓

3.3 GMO Declaration:

Nielsen-Massey lemon extract is free of genetically modified organisms.

3.4 Irradiation:

No radiation is used in the production of Nielsen-Massey lemon extract.

4. STORAGE CONDITIONS

Storage conditions	In closed original packaging. Do not refrigerate. Keep away from direct heat or sunlight. Best kept at 15-22°C in a well-ventilated place.
Shelf life	At least 36 months after production, under the above mentioned conditions.

5. FOOD SAFETY

5.1 Hygiene:

Nielsen-Massey has a SQF 2000 certification by the Safe Quality Food (SQF) Institute, a standard for efficiency and cleanliness in production.

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5.2 Identifications of dangers:

Classification of the substance
(Regulation (EC) No 1272/2008)

Flammable liquids, Category 3

5.3 Labeling, directions for use:

5.3.1 Disclaimer:

These labeling directions are not required for packaging with a content of 125ml or less.

5.3.2 Hazards identification:

Hazard pictogram	
Signal Word	Warning
Hazard Statements	H226 Flammable liquid and vapour

5.3.3 Safety Recommendation:

Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P233 Keep container tightly closed. P241 Use explosion-proof electrical /ventilating /lighting /equipment. P243 Take precautionary measures against static discharge.
Response	P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Storage	P403+P235 Store in a well-ventilated area. Keep cool.

6. EXTENDED PRODUCT INFORMATION

6.1 Usage

Lemons are enjoyed worldwide for their bright flavor and ability to complement just about any dish. Made with the highest quality ingredients for the best flavor, Pure Lemon Extract is great with fish, pork and chicken dishes. It blends well with a variety of herbs, such as parsley, rosemary, thyme, garlic and basil, and can be added to beverages, vegetables, cakes, cookies and bars, gelatin and frozen desserts, jams and jellies, fillings and frostings, pies and pastries.

7. DISCLAIMER

Although we take great care in setting up this product specification, we cannot accept any liability for the completeness and fully accurateness of the information provided. The content of this Product Specification is completed to the best of our knowledge.

This document does not dismiss the user of his legal obligations with respect to food safety.

This product specification replaces any previously issued specifications.

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