

PRODUCT QUALITY SPECIFICATION SHEET No. 20

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Product name:

LU - 1451 - 1

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Non-GMO declaration:

Acetylated oxidised starch E 1451
The product is not derived from or produced using genetically modified organisms

Allergen statement:

The product does not contain any allergenic ingredients

Poland

Statement of origin:

A. Organoleptic testing:

No.	Name of property:	Requirements:	Test method:
1.	Colour	White to light cream	Instruction No. 01
2.	Odour	Typical with a delicate scent of vinegar	Instruction No. 03

B. Physical and chemical requirements:

No.	Name of property:	Requirements:	Test method:
1.	Mechanical impurities	unacceptable	Instruction No. 05
2.	Moisture content	max. 20%	Instruction No, 08
3.	pH value	5,5 - 7,5	Instruction No. 09
4.	SO ₂ content	max. 10 mg/kg	Instruction No. 11
5.	Acetyl groups content	max. 2,0%	Instruction No. 27
6.	Carboxyl groups content	max 1,3% in dry matter	Instruction No. 26
7.	Viscosity of 10%paste at 80°C	3 – 8 mPas	Instruction No. 32
8.	Ash content	max. 1,0% in dry matter	Instruction No. 12
9.	Metal content:		
	- arsenic	max. 1,0 mg/kg	As per the standards used in
	- lead	max. 2,0 mg/kg	accredited laboratories
	- mercury	max. 0,1 mg/kg	

C. Microbiological requirements:

No.	Name of property:	Requirements:	Test method:
1.	Aerobic bacteria	max. 10.000 cfu/1g	As per ISO 4833
2.	Coliform bacteria	0 cfu/0,1g	As per ISO 4832
3.	Salmonella spp.	cfu/25, Absent	As per ISO 6579
4.	Staphylococcus aureus	cfu/0,1, Absent	As per ISO 6888
5.	Yeast and mould	max. 500 cfu/1g	As per ISO 21527
6.	Bacillus cereus	max. 10 cfu/1g	As per ISO 7932



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D. Packaging, storage conditions, transport requirements:

No.	Name of property:	Requirements:	
1.	Packaging type	Multilayer vented paper bags or flexible big-bag containers.	
		Unit packaging must be approved for food contact	
2.	Net content	25, 800 or 1000kg	
3.	Labelling	Consistent with the laws and regulations in force	
4.	Storage conditions	Dry, clean and well-ventilated facilities without foreign odours, protected aga rodents	
5.	Shelf life	24 months of the manufacture date when stored in original packaging	
6.	Transport requirements	Clean and dry means of transport ensuring appropriate protection of the product against damage and moisture. The product is not classified as hazardous within the meaning of transport regulations	

The new document enters into force on the date of its approval

Name of document	Withdrawn document		Introduced document	
Name of document	Issue No.	Date of issue	Issue No.	Date of issue
Quality specification: LU – 1451 – 1 Acetylated oxidised starch E 1451	02	July 14, 2014	03	January 01, 2018

	Full name	Title	Date	Signature
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