



Specification

Concerning Product:	
Article number	9050366TLE120
Trade name / designation / denomination	Maltodextrin G120
CAS number	9050-36-6
Other names / synonyms	•Maltodextrin;
EC number	232-940-4

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance		This product is a purified spraydried maltodextrin obtained by hydrolysis of starch. It is a granulate power with a white to lieght yellow colour, a moderate sweet taste and a typical odour.	
Physical parameter			
Conductivity	Conductivity Meter	(@ 28 °Brix) ≤ 150	µS/cm
Loss on drying		≤ 5	%
pH value	pH-Meter	(50% ds): 4,0 – 5,5	
Bulk density	Gravimetric	380 – 530	g/ml
Identity			
Assay	Lane-Eynon	Dextrose equivalent (DE): 11,0 – 15,0	%
Assay	HPLC	Dextrose: ~ 1	%/ds
Assay	HPLC	Higher sugars: ~ 90	%/ds
Assay	HPLC	Maltose: ~ 3	%/ds
Assay	HPLC	Maltotriose: ~ 6	%/ds
Impurities			
Heavy Metals (as Pb)	Limit Test	≤ 10,0	ppm
Impurity	Iodine titration	Sulfite (SO ₂): ≤ 10	ppm
Microbiological data			

Total Plate Count	Membrane filtration	≤ 1000	CFU/g
Yeast and Mould	Membrane Filtration	≤ 100	CFU/g
Particle size distribution			
Particles	vibrational sieve	> 250 µm: 15,0 – 45,0	%
Particles	vibrational sieve	> 40 µm: ≤ 90,0	%
Particles	vibrational sieve	> 500 µm: ≥ 10,0	%

Regulatory information:

GMO statement: GMO free

Supplemental information:

Shelf life: 2 years

Derivation: Maize

Note: This product complies with the requirements of legislation in force in the EU on foods and food ingredients. These include regulations on Labeling, hygiene, additives, contaminants and pesticides.

The manufacturer confirms that this product complies with the Food Chemicals Codex on Maltodextrin.

Storage conditions: Store in a well ventilated, odor-free, cool, dry ambient environment, at < 60% relative humidity, in original unopened packaging.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 11. May. 2022

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