

**KENT FOODS LIMITED**

Product Specification

Reference

TEC027-0

PRODUCT NAME	25KG TARTARIC ACID
PRODUCT CODE	MIS00071

SUPPLIER INFORMATION

SUPPLIER Kent Foods Ltd	POINT OF MANUFACTURE If Different DISTILLERIE MAZZARI SPA
ADDRESS Albex House, Westpoint Business Park, 1 Marchfield Drive, Paisley, PA3 2RB	ADDRESS Via Giardino, 6 - 48020 Sant'Agata sul Santerno (RA) - Italy
TEL No: 01418829999	
FAX No: 01418802380	
MANUFACTURING SITE HEALTH MARK (where applicable)	Not applicable

SUPPLIER CONTACT DETAILS

TECHNICAL CONTACT	Naomi May	Technical Manager	0141 882 9999	Technical@KentFoods.co.uk
SALES CONTACT	NA	NA	0141 882 9999	sales@kentfoods.co.uk

PRODUCT CHARACTERISTIC

Description	A white or almost white, crystalline powder or colourless crystals, very soluble in water, freely soluble in alcohol.
Colour	A white or almost white
Taste	strongly acidic taste, free from foreign taints
Aroma	almost odourless, free from foreign odours
Texture	crystalline powder or colourless crystals

INGREDIENTS DECLARATION

PRODUCT NAME	25KG TARTARIC ACID
INGREDIENTS DECLARATION	TARTARIC ACID

ADDITIVES & PROCESSING AIDS

FULL LEGAL NAME	E-NUMBER	FUNCTION	NATURAL / ARTIFICIAL / N/I	LEVEL IN PRODUCT
TARTARIC ACID	E334	Ingredient	Natural	100%
Silicon Dioxide	E551	Anti-caking agent	Natural	1.5 – 2.5%

COLOURS & FLAVOURINGS

BREAKDOWN (INCLUDING CARRIERS)	%	NATURAL / NATURE-IDENTICAL / ARTIFICIAL
N/A		NATURAL / NI / ARTIFICIAL
		NATURAL / NI / ARTIFICIAL

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May



Product Specification

Reference

TEC027-0

PRODUCT COMPOSITION

INGREDIENT (IN DESCENDING ORDER BY WEIGHT)	COMPONENT INGREDIENTS (IN DESCENDING ORDER BY WEIGHT)	COUNTRIES OF ORIGIN	SUPPLIER	% IN PRODUCT (RANGES WILL BE ACCEPTED)	QUALITY & GRADE	FUNCTION
TARTARIC ACID		Italy	Approved list of suppliers	100	Food	Ingredient

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May

ALLERGENS				
ALLERGEN:	PRESENT ?	ON SAME LINE?	HANDLED BY SUPPLIER?	COMMENTS: Please add details of control measures where applicable
CEREALS CONTAINING GLUTEN ¹ (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
CRUSTACEANS (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
EGGS (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
FISH (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
PEANUTS (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
SOYBEANS (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
MILK (AND PRODUCTS THEREOF) (INCLUDING NUTS ² (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
CELERY (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
MUSTARD (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
SESAME SEEDS (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
MOLLUSCS (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
LUPIN (AND PRODUCTS THEREOF)	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control
SULPHUR DIOXIDE & SULPHITES (>10mg/kg	NO	NO	YES	Handled within Kent Foods Warehouses, in original packaging, allergen control

1. WHEAT, RYE, BARLEY, OATS, SPELT, KAMUT®, OR THEIR HYBRIDISED STRAINS

2. ALMOND, HAZELNUT, WALNUT, CASHEW, PECAN NUT, BRAZIL NUT, PISTACHIO NUT, MACADAMIA NUT / QUEENSLAND NUT, CHESTNUT, PINE NUT

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May

INTOLERANCE INFORMATION

ITEM:	FREE FROM?	COMMENTS: Please add details of control measures where applicable
ANIMAL PRODUCTS – BOVINE	YES	
ANIMAL PRODUCTS – PORCINE	YES	
ANIMAL PRODUCTS – OVINE	YES	
ANIMAL PRODUCTS – POULTRY	YES	
ANIMAL PRODUCTS – OTHER	YES	
MECHANICALLY RECOVERED MEAT	YES	
DESINUED MEAT (DSM)	YES	
ADDITIVES / PROCESSING AIDS	NA	Product is an additive
COLOURS – NATURAL	YES	
COLOURS – NATURE-IDENTICAL / ARTIFICIAL	YES	
AZO-DYES / COAL TAR DYES	YES	
SORBATES / BENZOATES / P-HYDROXYBENZOATES	YES	
NITRITES / NITRATES	YES	
OTHER PRESERVATIVES	YES	
BHA (E320) / BHT (E321)	YES	
OTHER ANTIOXIDANTS	YES	
FLAVOURINGS – NATURAL	YES	
FLAVOURINGS – NATURE-IDENTICAL	YES	
FLAVOURINGS – ARTIFICIAL	YES	
ARTIFICIAL SWEETENERS	YES	
SOURCES OF PHENYLALANINE	YES	
GLUTAMATES	YES	
YEAST / YEAST DERIVATIVES	YES	
HVP / TVP	YES	
CHLOROPROPANOLS	YES	
MAIZE / MAIZE DERIVATIVES	YES	

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May

COCONUT / COCONUT PRODUCTS	YES	
COCOA / COCOA PRODUCTS	YES	
OTHER SEEDS / SEED DERIVATIVES (INCLUDING OILS)	YES	
KIWI FRUIT / KIWI FRUIT PRODUCTS	YES	
STRAWBERRY / STRAWBERRY PRODUCTS	YES	
TOMATO / TOMATO PRODUCTS	YES	
OTHER FRUIT / FRUIT PRODUCTS	YES	
GARLIC / GARLIC PRODUCTS	YES	
UMBELLIFERAE PRODUCTS (EXCLUDING CELERY)	YES	
OTHER VEGETABLE / VEGETABLE PRODUCTS	YES	
HYDROGENATED OILS	YES	
ALCOHOL	YES	
IRRADIATED PRODUCTS	YES	
REFINED OIL	YES	
LATEX	YES	

SUITABILITY INFORMATION

REQUIREMENT:	SUITABLE?	COMMENTS: Please add details of control measures where applicable
OVO-LACTO VEGETARIANS	YES	Not tested
VEGANS	YES	Not tested
COELIACS	YES	Not tested
GLUTEN FREE (<5PPM)	YES	Not tested
LACTOSE INTOLERANCE	YES	Not tested
MILK FREE	YES	Not tested
EGG FREE	YES	Not tested
KOSHER (PLEASE INDICATE CERTIFICATION)	YES	Certified
HALAL	YES	Certified

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May



ORGANIC CERTIFIED?	NO	
FAIRTRADE CERTIFIED?	NO	
PALM OIL RSPO CERTIFIED? (please supply evidence)	NO	

GENETICALLY MODIFIED ORGANISMS QUESTIONNAIRE	
1. IS THE PRODUCT OR ANY OF ITS INGREDIENTS FREE FROM GENETICALLY MODIFIED MATERIAL (WHETHER ACTIVE OR NOT)?	YES
2. IS THE PRODUCT OR ANY OF ITS INGREDIENTS FREE FROM ANY CHANGES AS A RESULT OF GENETIC MODIFICATION?	YES
3. IS THE PRODUCT OR ANY OF ITS INGREDIENTS FREE FROM PRODUCTS OR INGREDIENTS PRODUCED FROM ANY GENETICALLY MODIFIED MATERIAL?	YES
4. IS THE PRODUCT OR ANY OF ITS INGREDIENTS FREE FROM PROCESSING AIDS, ADDITIVES OR FLAVOURINGS THAT HAVE BEEN SUBJECTED TO GENETIC MODIFICATION?	YES
5. IS THE PRODUCT OR ANY OF ITS INGREDIENTS FREE FROM PROCESSING AIDS, ADDITIVES OR FLAVOURINGS THAT THEMSELVES HAVE BEEN SUBJECTED TO GENETIC MODIFICATION BUT ARE NOT DECLARABLE IN THE FINISHED PRODUCT?	YES
6. IF APPLICABLE, IS THE ANIMAL FEED USED (E.G. FOR DAIRY HERDS, LAYING FLOCKS, ETC.) FREE FROM GMOs?	NA
7. IF APPLICABLE, IS THE ANIMAL FEED USED (E.G. FOR DAIRY HERDS, LAYING FLOCKS, ETC.) FREE FROM TALLOW, SWILL, OR MAMMALIAN OR AVIAN-DERIVED PROTEIN? (IF NO, GIVE DETAILS BELOW)	NA
8. IS THE PRODUCT OR ANY OF ITS INGREDIENTS FREE FROM THE USE OF GENETICALLY MODIFIED MICRO-ORGANISMS OR ENZYMES IN ITS MANUFACTURE? (IF NO, GIVE DETAILS BELOW)	NA

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May



Product Specification

Reference

TEC027-0

ADDITIONAL GM INFORMATION

ITEM	IN WHICH INGREDIENT?	BASE CROP MATERIAL	BASE MATERIAL COUNTRY OF ORIGIN	SUPPLIER (INCLUDING SITE inSYTE Supplier ID)	VALID-IT APPROVED?	inSYTE APPROVED ? (include inSYTE ingredient ID)	BASE MATERIAL DERIVED FROM GM SOURCE?	BASE MATERIAL FROM IP SOURCE?*	BASE MATERIAL PCR TESTED?*	THE LEVEL OF EU AUTHORISED GM PRESENT DOES NOT EXCEED 0.9%.
					YES / NO / N/A	YES / NO / N/A	YES / NO	YES / NO / N/A	YES / NO / N/A	YES / NO
					YES / NO / N/A	YES / NO / N/A	YES / NO	YES / NO / N/A	YES / NO / N/A	YES / NO

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May

NUTRITIONAL COMPOSITION			
NUTRIENT:	TYPICAL VALUE (/100g)	METHOD OF CALCULATION	
ENERGY (kJ)	1300	THEORETICAL	
ENERGY (kcal)	300	THEORETICAL	
PROTEIN (g)	0	THEORETICAL	
AVAILABLE CARBOHYDRATE (g)	0	THEORETICAL	
OF WHICH SUGARS (g)	0	THEORETICAL	
OF WHICH STARCH (g)	0	THEORETICAL	
FAT (g)	0	THEORETICAL	
OF WHICH SATURATES (g)	0	THEORETICAL	
OF WHICH MONOUNSATURATES		THEORETICAL	
OF WHICH POLYUNSATURATES (g)		THEORETICAL	
OF WHICH TRANS- FATTY ACIDS		THEORETICAL	
DIETARY FIBRE (AOAC) (g)	0	THEORETICAL	
DIETARY FIBRE (ENGLYST) (g)		THEORETICAL	
SODIUM (mg)	<1ppm/kg	THEORETICAL	
CHOLESTEROL (mg)		THEORETICAL	
ADDED SUGAR (g)		THEORETICAL	
ADDED SALT (g)		THEORETICAL	
TOTAL SALT (g)		THEORETICAL	
ALCOHOL (g)		THEORETICAL	
SOURCE OF DATA (FOR THEORETICAL DATA)	McCance and Widdowson		
LABORATORY DETAILS (FOR ANALYTICAL DATA)	NA	CERTIFICATED TO ISO17025?	NA
FREQUENCY OF ANALYSIS	NA	IF NO, OTHER CERTIFICATION	NA

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May

PESTICIDES & VETERINARY RESIDUES

DOES THIS PRODUCT COMPLY WITH CURRENT UK & EU LEGISLATION ON PESTICIDE & VETERINARY MEDICINE RESIDUES?

YES

IS THIS PRODUCT TESTED TO MONITOR LEVELS OF AGROCHEMICAL RESIDUES, E.G. PESTICIDES, HERBICIDES, ETC.?

YES

IF YES, PROVIDE FULL DETAILS:

We periodically analyse and verify the absence of the following contaminants in our product: pesticides, insecticides, heavy metals, phytopharmaceuticals, microbiological contaminants, aflatoxins, mycotoxins, fumonisins, residual solvents, organochloride and perchlorates (LC/MS) in the finished product.

IS THIS PRODUCT TESTED TO MONITOR LEVELS OF VETERINARY MEDICINE RESIDUES, E.G. ANTIBIOTICS?

NA

IF YES, PROVIDE FULL DETAILS:

MYCOTOXINS

DOES THIS PRODUCT COMPLY WITH CURRENT UK & EC LEGISLATION ON MYCOTOXINS?

YES

IS THIS PRODUCT TESTED TO MONITOR LEVELS OF MYCOTOXINS, E.G. AFLATOXINS, PATULIN, OCHRATOXIN, ETC.?

YES

IF YES, PROVIDE FULL DETAILS INCLUDING TEST FREQUENCIES:

We periodically analyse and verify the absence of the following contaminants in our product: pesticides, insecticides, heavy metals, phytopharmaceuticals, microbiological contaminants, aflatoxins, mycotoxins, fumonisins, residual solvents, organochloride and perchlorates (LC/MS) in the finished product.

ACRYLAMIDE

IS THE RAW MATERIAL AT RISK OF CONTAINING ACRYLAMIDE?

NA

IF YES, PROVIDE FULL DETAILS INCLUDING TEST FREQUENCIES AND REDUCTION PLAN:

HEAVY METALS

IS THE RAW MATERIAL TESTED FOR HEAVY METALS?

YES

IF YES, PROVIDE FULL DETAILS INCLUDING TEST FREQUENCIES AND REDUCTION PLAN:

We periodically analyse and verify the absence of the following contaminants in our product: pesticides, insecticides, heavy metals, phytopharmaceuticals, microbiological contaminants, aflatoxins, mycotoxins, fumonisins, residual solvents, organochloride and perchlorates (LC/MS) in the finished product.

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May



Product Specification

Reference

TEC027-0

CHEMICAL & PHYSICAL

TEST	TARGET	TOLERANCE	UNITS	METHOD	INT. / EXT.	FREQUENCY	POSITIVE RELEASE?	ON C OF A?
Assay	97.5 – 98.5	Min – max	%	Mazzari	I	Per batch	YES	YES
Anticaking – Silicon Dioxide	1.5 – 2.5	Min – max	%		I	Per batch	YES	YES
Loss on Drying	<0.5	Max	%	Ph.Eur.VIII	I	Per batch	YES	YES
Particle Size	<10% >63micron	Max	%	Sieve analysis	I	Per batch	YES	YES
					I / E		YES / NO	YES / NO
					I / E		YES / NO	YES / NO

MICROBIOLOGICAL

TEST	TARGET	REJECT LIMIT	METHOD	INT. / EXT.	FREQUENCY	POSITIVE RELEASE?	ON C OF A?
Tested annually				I / E		YES / NO	YES / NO
				I / E		YES / NO	YES / NO
				I / E		YES / NO	YES / NO
				I / E		YES / NO	YES / NO
				I / E		YES / NO	YES / NO
				I / E		YES / NO	YES / NO
				I / E		YES / NO	YES / NO
				I / E		YES / NO	YES / NO

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May

CERTIFICATES	
CERTIFICATES OF ANALYSIS FOR EACH DELIVERY?	Yes – upon request
CERTIFICATES OF CONFORMANCE FOR EACH DELIVERY?	Yes – upon request
IF YES, STATE METHOD (Post/Email/with delivery)	Email

PACKAGING GENERAL DESCRIPTION	
DOES ALL FOOD-CONTACT PACKAGING COMPLY WITH CURRENT MATERIALS & ARTICLES IN CONTACT WITH FOOD REGULATIONS?	YES
DOES ALL PACKAGING COMPLY WITH THE PACKAGING (ESSENTIAL REQUIREMENTS) REGULATIONS 2003 (SI 2003 No. 1941)?	YES

PACKAGING MATERIALS & DIMENSIONS INCLUDING PALLET					
ITEM	LEVEL	MATERIAL(S) & COLOUR(S)	RECYCLABLE?	RETURNABLE ?	DIMENSIONS (HxWxD) (mm)
					WEIGHT (kg)
Liner	PRIMARY	polyethylene	NO	NO	530x710x150 approx Approx. 61g
Bag	SECONDARY	Paper bag	NO	NO	530x710x150 approx Approx. 281g
	PRIMARY / SECONDARY / TERTIARY		YES / NO	YES / NO	
	PRIMARY / SECONDARY / TERTIARY		YES / NO	YES / NO	

QUANTITY INDICATION			
DECLARED QUANTITY	25kg	QUANTITY SYSTEM	MINIMUM
UNIT NET QUANTITY	NA	T1 VALUE	NA
UNIT GROSS WEIGHT	NA	T2 VALUE	NA
DRAINED WEIGHT	NA	UNITS PER LAYER	5
ITEMS IN UNIT	1	LAYERS PER PALLET	8
UNITS PER PALLET	40		

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May

**STORAGE CONDITIONS**

OPTIMUM TEMPERATURE	Ambient
MAXIMUM TEMPERATURE	Ambient
MINIMUM TEMPERATURE	Ambient
SHELF LIFE (DAYS)	5 years
DEFROSTED SHELF LIFE (DAYS)	NA
MAXIMUM TEMPERATURE ON DELIVERY	Ambient
IS PRODUCT SUITABLE FOR FREEZING?	NO

CODING & LOT MARKING

INFORMATION CODED:	PRODUCTION DATE	BATCH CODE	USE BY / BEST BEFORE DATE	PRODUCT CODE
PRESENT?	YES	YES	YES	YES
EXAMPLE	MM/YYY	*17857*	MM/YYYY	On pallet
METHOD OF CODING	Label on bag			
POSITION OF CODING	Front of bag			

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May

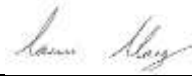


END TO END RAW MATERIAL SUPPLY CHAIN			
LINK IN SUPPLY CHAIN	SUPPLIER (NAME) & PROCESS	IDENTIFIED RISKS	MITIGATIONS / CONSIDERATIONS / CONTROL
<i>FARM</i>	CONFIDENTIAL GRAPE FARMS	<i>ADULTERATION, CONTAMINANTS, MALICIOUS CONTAMINATION</i>	<i>CONTAMINANTS TESTING (PESTICIDES, HEAVY METALS), AGREED SPECIFICATION,</i>
<i>PROCESSING</i>	<i>CALCIUM TARTRATE PRODUCTION</i>	<i>ADULTERATION, MALICIOUS CONTAMINATION</i>	<i>GFSI CERTIFIED PRODUCTION, VULNERABILITY RISK ASSESSMENT CARRIED OUT</i>
<i>PROCESSING</i>	<i>TARTARIC ACID PRODUCTION</i>	<i>ADULTERATION, MALICIOUS CONTAMINATION</i>	<i>GFSI CERTIFIED PRODUCTION, VULNERABILITY RISK ASSESSMENT CARRIED OUT</i>
<i>STORAGE AND DISTRIBUTION</i>	<i>APPROVED SUPPLIER TO KENT FOODS</i>	<i>CROSS-CONTAMINATION, DAMAGES, MALICIOUS CONTAMINATION</i>	<i>SECURITY PROCEDURES, STAFF TRAINING, SEALED TAMPER PROOF PACKAGING, BRC CERTIFIED</i>
<i>STORAGE AND DISTRIBUTION</i>	<i>KENT FOODS</i>	<i>CROSS-CONTAMINATION, DAMAGES, MALICIOUS CONTAMINATION</i>	<i>SECURITY PROCEDURES, STAFF TRAINING, SEALED TAMPER PROOF PACKAGING, BRC CERTIFIED</i>
<i>CUSTOMER</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>

Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May



FOREIGN BODY CONTROLS			
METAL DETECTION USED?	TYPE & LOCATION	MAXIMUM SENSITIVITY	
YES	After bagging	1.8	mm FERROUS
		2.0	mm NON-FERROUS
		2.5	mm STAINLESS STEEL
FREQUENCY OF METAL DETECTOR CHECKS		verified several times every day	
SIEVING USED?	TYPE & LOCATION	MESH SIZE	
NO			mm
FREQUENCY OF SIEVE INTEGRITY CHECKS			
FILTRATION USED?	TYPE & LOCATION	MESH / PORE SIZE	
NO			mm
FREQUENCY OF FILTER INTEGRITY CHECKS			
OTHER CONTROLS USED?	TYPE & LOCATION	CONTROL PARAMETERS	
YES / NO			
YES / NO			
FREQUENCY OF CONTROL CHECKS			

DECLARATION	
The information contained within the Specification was true at time of completion and will be updated if any changes are notified by the manufacturer.	
Signed for and on behalf of Kent Foods Limited.	
Name:	Naomi May
Position:	Technical Manager
Date:	16 th September 2019
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Issue Date	Revision No.	Supersedes	Issued By
12/08/2019	1	NA	Naomi May