



AmulFed Dairy

A UNIT OF GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED

(PREVIOUSLY KNOWN AS MOTHER DAIRY, GANDHINAGAR)

PURCHASE ENQUIRY FOR CITRIC ACID(ANHYDROUS) & Glucose Powder(Dextrose)

AFD: PUR: ENQ:2020:248

20.10.2020

Dear Sir,

We are in process of finalizing purchase order for supply of 5.3 MT of Citric Acid & 6 MT of Glucose powder (Dextrose)

The purchase process will be through E bidding. Suppliers who wish to supply the same may participate in our E bidding process provided they send us vendor registration form duly filled in all respects and supported with all required documents. Vendor registration form is available on our web site www.amul.com in B2B section "Vendor registration form for AmulFed Dairy". Vendors who are already registered with AFD need not to send vendor registration form again.

Kindly send your vendor registration form along with sample of Citric Acid & Glucose powder with COA/Test report latest by **28.10.2020** at below address. Participation in the E bidding will be subject to acceptance of your sample by our QA

Purchase Department
AmulFed Dairy, - A Unit of G. C. M. M. F. Ltd.
(Previously Known as Mother Dairy Gandhinagar)
Plot No: 35, Near Indira Bridge, At & Post: BHAT Village
Ahmedabad – Gandhinagar Highway,
Dist.: Gandhinagar, Pin code: 382 428.
Phone -079-23969055 to 58

Vendor registration received after 28.10.2020 for whatsoever reason will not be considered for this E bidding. E bidding will be carried out among registered bidders only. Individual user ID and password will be assigned to interested bidders for further E bidding process.

AmulFed Dairy reserves the right of acceptance or rejection of vendor registration and it is purely management discretion and cannot be challenged

NOTE: DO NOT SUBMIT OFFER AGAINST THIS. IT WILL NOT BE CONSIDERED. SEND YOUR VENDOR REGISTRATION FORM AND SAMPLES ONLY.

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Purchase Department

Annexure: Specifications



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AmulFed Dairy, Gandhinagar

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Title: Product Specifications for Citric acid-Food grade

General

- 1 Citric acid formula are $C_6H_8O_7$ for Anhydrous form and $C_6H_8O_7H_2O$ for monohydrate form. Generally we purchase anhydrous form.
- 2 The material is very soluble in water, freely soluble in ethanol and soluble in ether.
- 3 It shall be free from dirt, insect, lump, iron filing, rodent ,other animal contamination, filth, metal fillings ,black particle and other foreign matter.
- 4 It should be received with Certificate of Analysis
- 5 It should be passed through metal detector

Physical Properties

Parameters	Standards
Color and Odor	White or colorless and odorless
Texture	Free flow crystalline solid
Flavor and Taste	Strongly acid taste

Chemical Specifications

Parameters	Standards
Purity as $C_6H_8O_7$ percent by mass	99.5
Moisture,% by mass, max	0.5 for anhydrous and 8.8 for monohydrate
Sulphated ash,% by mass, max	0.05
Heavy metals (as pb),mg/kg,max	10
Arsenic ,mg/kg,max	03

PACKAGING & TRANSPORT

- 5 Citric acid should be packed in HDPE bags. The outer bag must be marked with Name and address of manufacture/marketed by (if any),Weight(Gross/Net), expiry/best before Period, month & Year of mfg., storage condition (if any),Nutritional Information, lot/batch/code number, any information required under PFA, Weight and measures act.
- 6 Pack size should be 25 kg.
- 7 Material should not be in unsealed, damaged or wet condition or with any foreign matter present. Carrier vehicle should be free from dust, dirt, any foreign matter as cement, cow dung etc and any objectionable smell.
- 8 All material in the carrier vehicle should be placed on a clean tarpaulin and also covered properly from top with a tarpaulin
- 9 Generally, consignment should not comprise of material of more than 2 batches

Storage Condition

Stored in a cool and dry dark place away from sunlight.

The product shall also conform to any other requirements under the Food safety and standards act, 2006. (Rules and Regulations 2011).



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Title: Product Specifications for Glucose powder (Dextrose monohydrate)

General and Physical Properties

- 1 The product shall be purified and crystallized d-Glucose containing one molecule of water of crystallization.
- 2 It shall be white or light cream in color, free from dirt or other foreign matter, musty or rancid, mould, living/dead insects, insect fragments and rodent contamination.
- 3 The product shall be crystalline, odorless powder readily soluble in water with a characteristic sweet taste
- 4 It should be received with Certificate of Analysis and passed through metal detector.

Chemical Specifications

Parameters	Specification
Dextrose Equivalent	Not less than 99%
Loss on drying	8 to 9 %
Ash sulphated(on ds)	Not more than 0.1%
Sulphur dioxide	Not more than 70 ppm
Arsenic	Not more than 1.1 ppm
Lead	Not more than 0.5 ppm
Copper	Not more than 30 ppm
Acidity for 5 gm as ml of 0.1 N NaOH	Not more than 0.21 ml
Chloride	Not more than 355 ppm
Sulphate	Not more than 248 ppm
Less soluble sugar & Dextrin	No deposition on cooling
Clarity of 10% m/v solution	Clear
Passing through BS 30 mesh	Not less than 95%

Microbiological Estimates

Coliform	Absent in 0.1 g
Yeast and mould	Absent in g

Packaging and transport:

1. Glucose should preferably be packed in HDPE bags with inner polyethylene food grade liner. The outer bag must be marked with Name and address of manufacture/ marketed by (if any), Weight(Gross/Net), ingredient, expiry/best before Period, month & Year of mfg., storage condition (if any), Nutritional Information, lot/batch/code number, any information required under FSSAI and Legal Metrology Act, 2009
2. Pack size should be 20 to 25 kg.
3. Material should not be in unsealed, damaged or wet condition or with any foreign matter present.
4. Carrier vehicle should be free from dust, dirt, any foreign matter as cement, cow dung, etc. and any objectionable smell.
5. All material in the carrier vehicle should be placed on a clean tarpaulin and also covered properly from top with a tarpaulin
6. Generally, consignment should not comprise of material of more than 2 batches

Storage Condition :

Stored in a cool and dry place away from sunlight, should not be in contact with walls or floor.

The product shall also conform to any other requirements under the Food safety and standards act, 2006. (Rules and Regulation 2011).