**QILIN PECTIN C6 FOR LOW-ACID CANDY**

**TDS**

**Description**

QILIN Pectin C6 is a purified low methoxyl pectin.This product is a blend of food additives used as a texturant

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| **Specification**  pH (2% solution):-  Degree of esterification:- Degree of amidation:- | 4.0-5.0 30±3% 20±3% |

**Application**

Applied in products such as low-acid candy. PH Range: 3.6-4.8

Soluble solid substance: 78-84%

**Usage Level (Guideline):**

Jams, jellies:- 1.2-2.5 %

We recommend dissolving pectin in water before addition to the final system.

**Sensory characteristics**

Appearance:- Free flowing powder.

Colour:- Pale brown.

Odour:- Neutral, free from off-odours.

Taste:- Neutral, free from off-flavours.

**Microbiological characteristics**

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| --- | --- |
| Total plate count:-  Yeast and mould:-  Coliforms:-  E. coli:-  Staphylococcus aureus:- Salmonella:- | ≤ 1000 cfu/g  ≤ 100 cfu/g  absent in 1 g  absent in 1 g absent in 1 g absent in 25 g |

**Chemical characteristics**

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| --- | --- |
| Pectin content:-  Galacturonic acid:- Loss on drying:- Ash ,total:-  Acid-insoluble ash:- Nitrogen content:- SO2:-\*  Free methyl, ethyl  and isopropyl alcohol:- Heavy metals as lead:-  Lead:-  Arsenic:-  Particle size:- | ≥60% ≥65% ≤12% ≤5%  ≤1 %  ≤1 %  ≤50ppm  ≤1 % ≤15ppm ≤5ppm ≤3ppm  1% retained on 300μm |

\* Not used in the process.

**Legal requirements**

This product complies with all criteria laid down by EU, FAO/WHO (JECFA) and FDA/FCC .

**Nutritional information depends on**

**the standardisation**

|  |  |
| --- | --- |
| Energy (per100g) Protein  Carbohydrates  Of which sugars  Fat Fibre | typically 500 - 600kJ typically < 0.5%  20 – 30%  20 – 30% < 0.5%  typically 50 – 60% |

**Packaging & Storage**

Paper bag with polythene

Packaging:- liner (25kg net)

Storage:- Cool and dry

Shelf life:- 24 months.

**Risks and Handling**

A Material Safety Data Sheet is available on request.

The customer must take sole responsibility in the use and control of this product according to their countries current legislations.