KEEP INGREDIENTS CO. LTD

No. 2019, Unit 1, Building 10, Yuexiucheng Phase 1, Guodu Xuefu Street, Chang'an District, Xi'an, Shaanxi, 710119, China

TECHNICAL DATA SHEET

Frozen Passion Fruit Juice Concentrate (50°Brix)

100% Passion Fruit Juice | No Added Sugar / Flavour / Colour / Preservatives

This Technical Data Sheet is issued by KEEP INGREDIENTS CO. LTD for the evaluation of the product described herein. The supplier and the customer undertake to maintain the CONFIDENTIAL information contained or enclosed in this document.

1. PRODUCT DESCRIPTION

Frozen Passion Fruit Juice Concentrate (50°Brix) is produced from 100% ripe fresh passion fruit juice by washing, crushing and pressing, pasteurization, vacuum low-temperature concentration and frozen filling. The concentrate is a viscous liquid of golden yellow to orange-yellow brown colour, uniformly suspending fine fruit pulp, and is free of white sugar, flavour, colour, preservatives and added additives.

Product Information

Item	Information
Product name	Frozen Passion Fruit Juice Concentrate (50°Brix)
Product type	Concentrated fruit juice (50 ± 1 °Brix)
Raw material	100% ripe fresh passion fruit original juice
Raw material source	Guangxi, Yunnan and other regions
Processing	Washing → crushing & pressing → pasteurization → vacuum low-temperature concentration → frozen filling
Additives	None — no white sugar, flavour, colour, preservative or added additive
Applications	Milk tea drinks, beverage blending, jam, baking, fruit wine, ice cream, compound juices
Batch No.	KYPFC2026032401
Shelf life	24 months (frozen, unopened)
Storage	◦ 18 °C or below, protected from light
Country of origin	China

2. PRODUCT SPECIFICATION

2.1 Sensory Characteristics

Item	Specification
Colour	Golden yellow to orange-yellow brown, uniform and natural; no black or burnt abnormal colour
Taste & aroma	Pure, rich natural passion fruit aroma; pleasantly sweet and sour; no fermented, rancid, mouldy, burnt, boiled or artificial aroma
Texture / form	Viscous liquid, uniformly suspending fine fruit pulp; a small amount of natural pulp sediment is allowed after standing; no lumps, mould, or foreign impurities such as plastic or sand

2.2 Physico-chemical Specifications (tested at 20 °C, 50 ± 1 °Brix)

Item	Method	Specification
Soluble solids (20 °C, °Brix)	GB/T 12143	50.0 ± 1.0
Total acid (as citric acid), %	GB 12456	2.5 ± 0.5
pH value (concentrate)	GB/T 10468	≤ 3.5
Insoluble solids, % (restored to original juice 11 °Brix)	LQ-FST-2022	≤ 3.0
Amino nitrogen, mg/100 g	GB/T 12143	≥ 50

2.3 Microbiological Specifications

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Item	Method	Specification
Coliforms, CFU/ml	GB 4789.3	n = 5, c = 2, m = 10, M = 100
Moulds and yeasts, CFU/ml	GB 4789.15	≤ 100

3. CERTIFICATE OF ANALYSIS

Product name	Frozen Passion Fruit Juice Concentrate
Batch No.	KYPFC2026032401
Batch quantity	1500 kg
Manufacturing date	2026-03-24
Analysis date	2026-03-26
Product standard	GB/T 31121
Conclusion	Conforms to specification

Item	Method	Specification	Result
Colour & texture	GB/T 27305	Brown-yellow liquid	Qualified
Taste & aroma	GB/T 27305	Fresh passion fruit flavour	Qualified
Impurities	GB/T 27305	No visible foreign impurities	Qualified
Soluble solids (20 °C, °Brix)	GB/T 12143	50.0 ± 1.0	Qualified
Total acid (as citric acid), %	GB 12456	2.5 ± 0.5	2.45
pH value (concentrate)	GB/T 10468	≤ 3.5	2.83
Insoluble solids, % (restored to 11 °Brix)	LQ-FST-2022	≤ 3.0	1.49
Amino nitrogen, mg/100 g	GB/T 12143	≥ 50	69.6
Coliforms, CFU/ml	GB 4789.3	n = 5, c = 2, m = 10, M = 100	< 10 (all 5 samples)
Moulds and yeasts, CFU/ml	GB 4789.15	≤ 100	< 10

Note: the batch values of total acid, pH, insoluble solids, amino nitrogen and microbiological items are as stated in the supplied Certificate of Analysis.

4. NUTRITIONAL INFORMATION

4.1 Nutritional Composition (per 100 g)

Item	Per 100 g	NRV%
Energy	864 kJ	10%
Protein	0.8 g	1%
Fat	0 g	0%
Carbohydrate	50.0 g	17%
Sodium	44 mg	2%

Nutrition reference value (NRV) is calculated on the basis of the reference intake values used in the country of the issuing standard.

5. COMPOSITION & FUNCTIONAL NOTES

Frozen Passion Fruit Juice Concentrate naturally contains the following constituents, which contribute to its characteristic taste, aroma and nutritional profile:

Naturally occurring constituent	Functional note
Organic acids (citric acid, malic acid)	Contribute to the pleasantly refreshing, appetizing sweet-and-sour taste profile
Vitamin C and polyphenols	Naturally occurring antioxidant constituents

Dietary fiber (fruit pulp)	Fruit pulp is naturally rich in dietary fiber, contributing to digestive comfort
Natural aromatic compounds (linalool)	Contribute to the characteristic relaxing, fruity aroma of passion fruit

Note: these notes describe the natural composition and general functional profile of the fruit juice; they are not intended as a medical or therapeutic claim.

6. APPLICATIONS

Frozen Passion Fruit Juice Concentrate is a versatile fruit juice raw material suited to a wide range of beverage and food applications:

Field	Typical use
Milk tea drinks	Flavour base for milk tea and fruit tea beverages
Beverage blending	Reconstituted fruit juice for ready-to-drink and mixed juice formulations
Jam	Fruit jam and fruit preserve production
Baking	Flavour and moisture ingredient in bakery products
Fruit wine	Fruit wine and fermented fruit beverage raw material
Ice cream	Fruit-flavoured ice cream and frozen dessert base
Compound juices	Raw material for composite / blended fruit juices

Note: end-users shall confirm final-formula compliance, appropriate usage dosage and labelling requirements under the regulations of the country of use.

7. PRODUCT STATEMENTS

7.1 Purity & Additive-Free Statement

The product is made from 100% ripe fresh passion fruit original juice and contains no white sugar, no flavour, no colour, no preservative and no added additives.

7.2 Country of Origin

The product is produced and packaged in China. Country of origin: China.

7.3 Expected Usage

The expected usage of this product is its incorporation as a fruit juice ingredient in beverage, food and dessert applications, subject to the regulations of the country of use.

8. HANDLING, STORAGE & TRANSPORT

Item	Information
Storage	Store at ◦ 18 °C or below, protected from light. Avoid repeated thawing and temperature fluctuation in the warehouse.
Shelf life (unopened)	24 months (730 days) under frozen storage.
After opening	Refrigerate at 0 – 4 °C and use within 7 days; do not re-freeze.
Transport	Maintain frozen / low-temperature conditions during transport; keep away from direct sunlight.
Packing	Large drum: 190 kg / 307 kg (iron drum); medium & small drum: 20 kg / 50 kg (plastic or iron drum); sample: 100 g / 1 kg / 5 kg (plastic bottle or concentrate bag).

Safety notes: This product is a food-grade fruit juice ingredient and is not a medicine. Keep out of reach of children. A Material Safety Data Sheet (MSDS) is available upon request.

This Technical Data Sheet is issued by KEEP INGREDIENTS CO. LTD and is valid together with the supplied Certificate of Analysis. The information given is based on our knowledge of the product at the time of publication and is given in good faith; it does not exempt the user from applying the regulations governing the use, storage and labelling of the product in their own country. A Material Safety Data Sheet (MSDS) is available upon request.