

# TECHNICAL DATA SHEET (TDS)

Document Reference:  
YH9-TDS-202006

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Manufacturer:  
YINGDE JI QING LI TEA INDUSTRIAL CO., LTD

Authorized Exporter:  
Daming County Wanhe E-Commerce Co., Ltd.

## 1. PRODUCT IDENTIFICATION

Product Name:	Premium Yinghong No. 9 Black Tea (Commercial Grade)
Product Code:	YH9-COM-PROB
Botanical Name:	<i>Camellia sinensis</i> (Large-leaf cultivar 'Yinghong No. 9')
Origin:	Yingde, Guangdong, China (335.82-Hectare Certified Organic Single Estate)
Recommended Applications:	Milk Tea Base (Bubble Tea), RTD (Ready-to-Drink) Beverages, Kombucha Fermentation, Fruit Tea Blends.

## 2. SENSORY & ORGANOLEPTIC PROFILE

Parameter	Description
Appearance	Tightly rolled, uniform dark leaves with golden tips. Free from foreign matters.
Aroma	Pronounced natural malty notes with a distinct, lingering honey sweetness.
Liquor Color	Bright, translucent deep amber-red. Clear, without turbidity.
Taste Profile	Full-bodied, robust, and brisk. Excellent anti-dilution ability.
Milk Compatibility	Outstanding. Retains strong tea aroma and deep color even under high-ratio milk and ice dilution.

## 3. COMMERCIAL EXTRACTION GUIDELINES (R&D REFERENCE)

- Designed for maximum yield and optimal cost per cup in commercial beverage chains.
- Standard Commercial Tea-to-Water Ratio: 1:35 to 1:40 (e.g., 100g tea leaves yielding 3.5L to 4.0L of tea base).
- Recommended Water Temperature: 95°C - 100°C (Filtered/Purified Water).
- Steeping Time: 10 - 12 minutes (Covered, stirring gently at the halfway mark).
- Filtration: Double-mesh commercial strainer.
- Note: For specialized thick-milk applications, extraction time can be adjusted to 15 minutes for maximum polyphenol release.

## 4. PHYSICAL & CHEMICAL SPECIFICATIONS

Parameter	Specification	Test Method
Moisture Content	≤ 7.0%	GB 5009.3
Total Ash	≤ 6.5%	GB 5009.4
Water Extracts	≥ 36.0% (High Extraction Efficiency)	GB/T 8305
Extraneous Matter	Negative (0%)	Visual / Sieve

## 5. FOOD SAFETY & COMPLIANCE (STRICTLY TESTED)

Our production line complies with international food safety standards, guaranteeing a clean and safe supply chain.

- Pesticide Residues:** NOT DETECTED (88 items including Glyphosate & DDT). 100% compliant with EU MRLs.
- Heavy Metals:** Compliant (Lead < 5.0 mg/kg).
- Certifications & Reports:**
  - CNAS & ILAC-MRA Lab Tested (Report No: AFSQG030875001C).
  - HACCP System Certified.
  - National Organic Product Certified.

## 6. PACKAGING, STORAGE & SHELF LIFE

- Commercial Bulk Packaging:**  
20 KG / Moisture-proof corrugated carton with food-grade inner sealed foil/PE bag.
- Storage Conditions:**  
Store in a cool, dry, and well-ventilated warehouse. Keep away from direct sunlight, strong odors, and moisture.
- Shelf Life:** 36 Months from the date of manufacture (under proper storage conditions).

## 7. CONTACT & SUPPORT

For batch-specific Certificate of Analysis (COA), bulk pricing, or custom R&D inquiries, please contact our authorized global supply chain partner:

**Company:** Daming County Wanhe E-Commerce Co., Ltd.

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