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1. Introduction

In the global tea trade, the European Union (EU) has the most stringent food safety regulations. YMTEA understands that, for European wholesalers, ****compliance**** is the cornerstone of their business. This white paper details how YMTEA ensures that every gram of black tea and Pu'er tea meets the

requirements of Regulation (EC) No 396/2005 and its subsequent amendments through digital monitoring and multiple laboratory tests.

2. The YMTEA Dual-Gate Testing System

Rather than relying on a single report, we have established a “closed-loop monitoring” process that spans from the tea garden to customs:

First Gate: Tea Garden Soil and Primary Processing Monitoring (Source Control)

Soil Health Tracking: In the core production areas of Yunnan Dianhong and Pu'er, we conduct real-time monitoring of soil heavy metals and water sources in our partner tea gardens.

Zero-Pesticide Zone: During the growing season, we strictly limit and record the use of chemical agents while promoting biological pest control.

Second Gate: Batch Testing by Authorized Laboratories (Pre-Export Validation)

Key Indicators (Core Metric Interception):

Anthraquinone: For this key indicator in black tea processing, we optimize the drying process to ensure levels remain well below EU limits.

Glyphosate: Strictly control vegetation management around the plantation to ensure undetectable levels or levels below EU Maximum Residue Limits (MRLs).

Acetamiprid & Imidacloprid: Implement precise application timing strategies to comply with new regulations.

3. Technical Parameters: Compliance with EU MRLs | Technical Parameters: Alignment with EU MRL Standards

In accordance with the latest 2026 revisions to EU tea residue limits, YMTEA provides the following specific compliance statements for high-risk indicators:

Substance (Substance Name)	EU MRL (EU Limit)	YMTEA Standard (YMTEA Standard)
Acetamiprid (Acetamiprid)	0.01 mg/kg	< 0.01 mg/kg
Anthraquinone (Anthraquinone)	0.02 mg/kg	ND (Not Detected)
Chlorpyrifos (Chlorpyrifos)	0.01 mg/kg	ND (Not Detected)
Heavy Metals (Pb/Cd)	EU 1881/2006	30% below limit

4. Pu-erh Tea Specialty: Microbiology & Storage | Pu-erh Tea Specialty: Microbiology and Storage Safety

In response to concerns regarding the hygiene of “post-fermented tea” in the European market, YMTEA provides:

Clean Storage Certification: A commitment that all Pu-erh tea is aged in a temperature- and humidity-controlled “dry storage” environment, with no risk of mold growth.

Metric	Optimal Level	Impact
Temperature	Around 25°C	Maintains steady aging without souring the tea.
Humidity	Around 60%	Keeps microbial activity alive while preventing mold.
Ventilation	Moderate	Eliminates odors and provides oxygen for aging.
Light	Dark/No UV	Prevents chlorophyll degradation and "sun-damaged" off-flavors.

Aflatoxin Testing: Regular aflatoxin screening is conducted to ensure product biosafety.

Fermentation Control: Digital fermentation technology is utilized to precisely control the microbial environment during the production of ripe tea.

5. Traceability: From Garden to Cup | Digital Traceability: From Tea Garden to Tea Cup

Garden Origin: Latitude, longitude, and elevation data of the tea garden.

Harvest Date: Detailed timeline of harvesting and processing.

Lab Report: PDF version of the original SGS/Eurofins test report for the

corresponding batch.

6. Commitment to Sustainability | Sustainability Commitment

We not only meet safety standards but are also committed to social responsibility:

Rainforest Alliance Compliance: Some tea gardens have entered the Rainforest Alliance certification process.

Plastic-Free Packaging: We provide fully biodegradable or recyclable wholesale packaging solutions for European customers.

7. Conclusion & Contact | Conclusion and Contact

YMTEA is not just a tea supplier, but your compliance risk advisor for the European market. Our goal is to eliminate trade barriers through utmost transparency.

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