

TECHNICAL DATA SHEET (TDS)

RESERVE CEREMONIAL MATCHA PROFILE

|               |                                          |         |                                                 |
|---------------|------------------------------------------|---------|-------------------------------------------------|
| Document Code | MOC-TDS-CER-RESERVE-2026                 | Version | 1.0 - Public Commercial Edition                 |
| Purpose       | B2B procurement & formulation evaluation | Status  | Product-standard reference; batch values by COA |

1. PRODUCT IDENTIFICATION & INTENDED USE

| FIELD                 | PUBLIC SPECIFICATION                                                                         |
|-----------------------|----------------------------------------------------------------------------------------------|
| Public Product Name   | Reserve Ceremonial Matcha Profile                                                            |
| Botanical Source      | Camellia sinensis                                                                            |
| Ingredient            | 100% green tea powder; no excipients listed                                                  |
| Country of Origin     | China                                                                                        |
| Plant Material        | 100% shaded green tea leaf material (tencha)                                                 |
| Intended Applications | Premium straight whisking, high-end tea service, premium retail and private-label evaluation |
| Shading Reference     | Approx. 22-25 days                                                                           |
| Kill-Green / Fixation | Steam fixation                                                                               |
| Milling Method        | Ball milling                                                                                 |

2. SENSORY PROFILE

| PARAMETER            | PROFILE                                                                                      |
|----------------------|----------------------------------------------------------------------------------------------|
| Appearance           | Luminous emerald-jade green, ultra-fine and uniform powder                                   |
| Aroma                | Intensely fresh vegetal aroma with refined marine and nutty notes                            |
| Taste                | Pronounced creamy umami with velvety sweetness and very low bitterness / astringency         |
| Liquor Color         | Luminous emerald-green liquor with dense micro-foam under standard whisking                  |
| Whisking Performance | For premium projects where straight-whisking sensory quality and presentation are a priority |

3. STANDARD TECHNICAL SPECIFICATIONS

| PARAMETER           | PUBLIC SPECIFICATION  | REFERENCE BASIS / METHOD      |
|---------------------|-----------------------|-------------------------------|
| Moisture            | ≤ 5.0% (m/m)          | GB 5009.3 / AOAC              |
| Total Ash           | ≤ 6.0% (m/m)          | GB 5009.4 / ISO 1575          |
| Fineness            | ≥ 99.5% pass 200 mesh | Sieve reference               |
| Particle Size (D50) | ≤ 15.0 µm             | Laser diffraction / ISO 13320 |
| L-Theanine          | ≥ 1.40% (m/m)         | HPLC                          |
| Tea Polyphenols     | 15.0% - 18.5% (m/m)   | Spectrophotometric            |
| Caffeine            | 4.0% - 5.0% (m/m)     | HPLC                          |

Important distinction

The specifications above are public product-standard references for commercial evaluation. They are not a batch Certificate of Analysis. Actual analytical values for a selected commercial batch should be confirmed on the corresponding batch-specific COA.

4. QUALITY, COMPLIANCE & DOCUMENTATION

| DOCUMENT / AREA                 | PUBLIC AVAILABILITY STATEMENT                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Batch COA                       | Available for applicable commercial batches. Batch values must match the selected product and shipment.                                             |
| Third-Party Testing             | Available where applicable. Results apply only to the tested sample, method and stated test scope.                                                  |
| Organic Documentation           | Available only for designated products / harvests where certification scope has been verified.                                                      |
| Pesticide / Contaminant Support | May be supplied subject to product, supplier, batch and test scope. This public TDS does not make a universal certification claim.                  |
| Export Documents                | Commercial invoice, packing list, certificate of origin and other shipment documents are confirmed according to destination and order requirements. |

5. PACKAGING, STORAGE & SHELF LIFE

| ITEM                 | SPECIFICATION / GUIDANCE                                                                                       |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Commercial Packaging | Bulk export packaging is available. Final format, liner and carton configuration are confirmed per order.      |
| Samples              | Evaluation samples are available for qualified B2B projects; sample format is confirmed during project review. |
| Storage              | Keep tightly sealed in a cool, dry place away from moisture, oxygen, direct sunlight and strong odors.         |
| Recommended Storage  | Refrigerated storage below 5°C is recommended where practical to support color and aroma retention.            |
| Shelf Life           | 24 months from production date when unopened and stored under recommended conditions.                          |

6. COMMERCIAL NOTES

- This public TDS is intended for B2B product evaluation, sourcing discussions and formulation screening.
- “Reserve Ceremonial Matcha Profile” is a Matcha Origin Co. commercial application profile name and is not presented as an international or regulatory matcha grade.
- Exact producer information, batch values, certification coverage and testing documentation should be confirmed against the selected product and batch before purchase.
- Product-, sample- and batch-specific documents take precedence over this general product-standard sheet.

Document scope

For the applicable batch COA, third-party report, certification document or destination-specific export documentation, please contact Matcha Origin Co. and reference the selected product / project.