

## TECHNICAL DATA SHEET

### GUNPOWDER GREEN TEA STRONG INFUSION 20% ETHANOL

**DESCRIPTION:** An extract from the dried leaf of Gunpowder Green Tea (*Camellia sinensis* (L.) Kuntze.), ethanol, and water. As a natural product this may contain a slight sediment; decant or filter before use if necessary.

Ransom Product Code	TE/15
Plant species used	<i>Camellia sinensis</i> (L.) Kuntze.
Plant part used	Dried leaf
Flavouring classification	Natural Flavouring Preparation (according to Regulation (EC) No. 1334/2008)
Labelling recommendations	Natural Green Tea Extract, Natural Green Tea Infusion, Natural Green Tea Flavouring, Natural Flavouring, etc.

#### SENSORY CHARACTERISTICS

A clear, dark amber-brown liquid.

#### TASTE<sup>#</sup>

A characteristic slightly bitter and smoky flavour.

#### WEIGHT PER ML @ 20°C

0.970 – 1.010g/ml

#### REFRACTIVE INDEX @ 20°C

1.340 – 1.360

#### pH

4.5 – 7.0

#### CONTENT OF ETHANOL<sup>#</sup>

18 – 23%v/w  
(18 – 22%v/v)

#### CONTENT OF CAFFEINE<sup>#</sup>

Recorded (Typically 0.1 - 0.4%w/v)

#### CONTENT OF CATECHINS<sup>#</sup>

Recorded (Typically >1.0%w/v)

#### HEAVY METALS

Not More Than (NMT) 10 ppm

#### MICROBIOLOGY

##### TOTAL AEROBIC MICROBIAL COUNT

NMT 10<sup>2</sup> cfu/ml

##### TOTAL COMBINED YEASTS/MOULDS COUNT

NMT 10<sup>2</sup> cfu/ml

##### BILE TOLERANT GRAM-NEGATIVE BACTERIA

Absent in 1ml

#### CONTAMINANTS

Monitoring testing for heavy metals and pesticide residues is carried out on the raw material or product. The product will comply with food legislative requirements if tested.

#### ANALYTICAL METHODS

All analytical methods detailed above are in accordance with British Pharmacopoeia (BP) standard methods, or (<sup>#</sup>) Ransom methods.

#### STORAGE

Store in well filled, well-closed containers, protected from light and at a temperature not exceeding 30°C.

**RETEST PERIOD** Two years (unopened container)

#### APPROVAL

Author	C WELHAM	Reviewer:	M WILLETS	QA Approval:	L MAJDI
Date:	17 JUN 2024	Date:	09 SEP 2024	Date:	04 OCT 2024