Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 13943-QC-PR13002

Product Type: Green Tea

Issue Date: 5 August 2026

Expiry Date: 1 February 2027

Test Name	Methods	n Value	Assigned Value	Assigned Range
Aluminium (mg/kg)	All Total Extraction Methods	16	834	749 - 918
Arsenic (mg/kg)	All Total Extraction Methods	7	0.0850	0.0109 - 0.1591
Boron (mg/kg)	All Total Extraction Methods	16	13.5	13.1 - 13.9
Cadmium (µg/kg)	All Total Extraction Methods	11	61.0	54.5 - 67.5
Calcium (%w/w)	All Total Extraction Methods	19	0.374	0.356 - 0.392
Carbon (%w/w)	All Total Extraction Methods	17	49.4	47.3 - 51.5
Chloride (mg/kg)	All Total Extraction Methods	10	537	441 - 633
Chromium (mg/kg)	All Total Extraction Methods	7	1.07	0.06 - 2.08
Cobalt (µg/kg)	All Total Extraction Methods	11	207	180 - 234
Copper (mg/kg)	All Total Extraction Methods	21	13.0	11.8 - 14.2
Iron (mg/kg)	All Total Extraction Methods	18	142	131 - 152
Lead (µg/kg)	All Total Extraction Methods	10	915	783 - 1046
Magnesium (%w/w)	All Total Extraction Methods	22	0.186	0.175 - 0.198
Manganese (mg/kg)	All Total Extraction Methods	20	783	725 - 841
Molybdenum (µg/kg)	All Total Extraction Methods	10	57.6	35.4 - 79.8
Nitrate Nitrogen (mg/kg)	All Total Extraction Methods	8	9.15	7.4 - 10.9

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Version 2

Nitrogen (%w/w)	All Total Extraction Methods	15	4.11	4.02 - 4.20
Phosphorus (%w/w)	All Total Extraction Methods	19	0.319	0.301 - 0.337
Potassium (%w/w)	All Total Extraction Methods	23	1.81	1.54 - 2.08
Selenium (µg/kg)	All Total Extraction Methods	11	68.6	46.7 - 90.5
Sodium (mg/kg)	All Total Extraction Methods	18	14.3	8.4 - 20.2
Sulphur (%w/w)	All Total Extraction Methods	22	0.252	0.224 - 0.280
Vanadium (mg/kg)	All Total Extraction Methods	5	0.165	0.138 - 0.192
Zinc (mg/kg)	All Total Extraction Methods	21	30.8	27.5 - 34.1

** n Values < 8 are indicative only and should be used with caution*

Instructions for use: Due to possible moisture reabsorption, re-dry the sample at 65°C to constant weight prior to analysis

Description: 20g+ irradiated, packaged in plastic jar

Homogeneity: This QC material has been assessed as homogeneous for use in an Inter-Laboratory Proficiency Study

Stability: An expiry period consistent with the shelf life of the product, experience, and technical advice has been applied

Storage: Keep samples at a stable temperature < 25°C (eg in air conditioned storage). Reseal containers after each use. Do not store in sunlight.

Values: The *Assigned Value* is the consensus median from an inter-laboratory proficiency round excluding outliers; *n Values* are the number of results used to calculate the assigned value. The *Assigned Range* is 2 standard deviations of *n Values*.

Methods: Multiple methods were used in the preparation of these assigned values.

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