Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 12011-QC-PR12835

Product Type: Griselinia Leaves

Issue Date: 11 May 2026

Expiry Date: 31 August 2027

Test Name	Methods	n Value	Assigned Value	Assigned Range
Aluminium (mg/kg)	All Total Extraction Methods	16	144	117 - 170
Arsenic (mg/kg)	All Total Extraction Methods	7	0.0995	0.054 - 0.145
Boron (mg/kg)	All Total Extraction Methods	21	31.0	28.0 - 34.0
Cadmium (µg/kg)	All Total Extraction Methods	8	1,090	1060 - 1120
Calcium (%w/w)	All Total Extraction Methods	20	2.16	2.01 - 2.31
Carbon (%w/w)	All Total Extraction Methods	15	47.2	45.7 - 48.7
Chloride (mg/kg)	All Total Extraction Methods	12	554	214 - 893
Chromium (mg/kg)	All Total Extraction Methods	4	0.450	0.400 - 0.500
Cobalt (µg/kg)	All Total Extraction Methods	11	57.0	51.4 - 62.6
Copper (mg/kg)	All Total Extraction Methods	22	3.99	3.55 - 4.44
Iron (mg/kg)	All Total Extraction Methods	21	130	112 - 148
Lead (µg/kg)	All Total Extraction Methods	13	110	95 - 125
Magnesium (%w/w)	All Total Extraction Methods	20	0.324	0.303 - 0.345
Manganese (mg/kg)	All Total Extraction Methods	20	751	665 - 837
Molybdenum (µg/kg)	All Total Extraction Methods	15	427	363 - 491
Nitrate Nitrogen (mg/kg)	All Total Extraction Methods	12	13.1	0.0 - 35.1

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Nitrogen (%w/w)	All Total Extraction Methods	21	1.14	1.05 - 1.23
Phosphorus (%w/w)	All Total Extraction Methods	17	0.180	0.171 - 0.189
Potassium (%w/w)	All Total Extraction Methods	19	0.772	0.736 - 0.808
Selenium (µg/kg)	All Total Extraction Methods	9	14.0	2.1 - 25.9
Sodium (mg/kg)	All Total Extraction Methods	19	1,450	1331 - 1569
Sulphur (%w/w)	All Total Extraction Methods	20	0.135	0.116 - 0.154
Vanadium (mg/kg)	All Total Extraction Methods	4	0.264	0.200 - 0.328
Zinc (mg/kg)	All Total Extraction Methods	20	99.8	95.3 - 104.2

** 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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