Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 17848-QC-PR12897

Product Type: Light Alcoholic

Issue Date: 12 June 2026

Expiry Date: 18 December 2026

Test Name	n Values	Assigned Value	Assigned Range
Acidity (%m/v citric acid)	4 *	0.521	0.457 - 0.584
Actual Alcohol Strength (%v/v)	6 *	4.89	4.68 - 5.10
Benzoic Acid (mg/L)	4 *	154	134 - 174
Brix (°Brix @ 20°C)	3 *	10.73	10.60 - 10.87
Glucose + Fructose (g/L)	3 *	43.1	37.3 - 48.9
pH (pH units)	9	3.13	3.05 - 3.21
Specific Gravity (g/ml @ 20°C)	4 *	1.03017	1.02977 - 1.03058

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

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

Values: The *Assigned Value* is the consensus mean 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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Version 2