Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 17846-QC-PR12897

Product Type: Light Non-Alcoholic

Issue Date: 12 June 2026

Expiry Date: 11 January 2027

Test Name	n Values	Assigned Value	Assigned Range
Acidity (%m/v citric acid)	5 *	0.167	0.0779 - 0.256
Actual Alcohol Strength (%v/v)	6 *	0.213	0.00603 - 0.421
Benzoic Acid (mg/L)	4 *	144	135 - 153
Brix (°Brix @ 20°C)	5 *	10.39	10.13 - 10.66
Glucose + Fructose (g/L)	3 *	61.1	54.1 - 68.1
pH (pH units)	9	3.37	3.25 - 3.48
Sorbic Acid (mg/L)	4 *	235	219 - 252
Specific Gravity (g/ml @ 20°C)	3 *	1.04208	1.03995 - 1.04422

** 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*

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

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Version 2