Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 17849-QC-PR12897

Product Type: Dark Alcoholic

Issue Date: 12 June 2026

Expiry Date: 21 May 2027

Test Name	n Values	Assigned Value	Assigned Range
Acidity (%m/v citric acid)	5 *	0.104	0.0306 - 0.177
Actual Alcohol Strength (%v/v)	7 *	4.59	4.45 - 4.72
Benzoic Acid (mg/L)	4 *	230	215 - 246
Brix (°Brix @ 20°C)	3 *	10.54	10.40 - 10.67
Glucose + Fructose (g/L)	3 *	53.9	44.7 - 63.0
pH (pH units)	9	2.87	2.75 - 2.99
Specific Gravity (g/ml @ 20°C)	4 *	1.02971	1.02876 - 1.03067

** 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