Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 15192-QC-PR12110

Product Type: Stg 2 (FO) COW Wet-Blend

Issue Date: 20 May 2025

Expiry Date: 9 February 2027

Test Name	n Values	Assigned Value	Assigned Range
Adenosine (5-Mono) (mg/100g)	10	8.46	7.88 - 9.04
Alphalactalbumin (g/100g)	5 *	1.73	1.55 - 1.92
Ash (g/100g)	9	3.07	2.89 - 3.24
Cytidine (5-Mono) (mg/100g)	10	15.0	14.1 - 16.0
Fat (g/100g)	8	24.6	24.0 - 25.2
Galactooligosac (GOS) (%)	4 *	3.14	2.65 - 3.63
Guanosine (5-Mono) (mg/100g)	10	3.29	2.98 - 3.60
Inosine (5-Mono) (mg/100g)	9	4.90	4.60 - 5.19
Moisture 102oC (%)	12	2.32	2.07 - 2.57
myo-Inositol (mg/kg)	13	591	532 - 650
Nucleotides (Total) (mg/100g)	9	39.9	37.2 - 42.7
pH 10% solution (pH units)	7 *	6.83	6.63 - 7.03
Protein (g/100g)	11	13.3	12.9 - 13.7
Taurine (mg/100g)	8	43.5	38.1 - 49.0
Total Carnitine (mg/kg)	7 *	304	272 - 337
Total Fructan (FOS) (%)	10	1.14	1.00 - 1.28

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Uridine (5-Mono) (mg/100g)	9	8.17	6.95 - 9.40

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

Description: 150 g+ packaged in a white recyclable container

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: Once opened, samples will be unstable due to moisture absorption. Store samples frozen and ensure they are sealed immediately after use.

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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