Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 16254-QC-PR12753

Product Type: Stg 3 (GU3) COW Wet-Blend

Issue Date: 13 April 2026

Expiry Date: 24 April 2027

Test Name	n Values	Assigned Value	Assigned Range
Adenosine (5-Mono) (mg/100g)	18	7.97	7.18 - 8.76
Alphalactalbumin (g/100g)	4 *	1.73	1.41 - 2.06
Ash (g/100g)	18	3.50	3.30 - 3.69
Cytidine (5-Mono) (mg/100g)	18	14.3	13.0 - 15.5
Fat (g/100g)	24	22.1	21.6 - 22.6
Free Carnitine (mg/kg)	11	209	185 - 233
Galactooligosac (GOS) (%)	7 *	3.32	3.02 - 3.63
Guanosine (5-Mono) (mg/100g)	18	3.10	2.73 - 3.47
Inosine (5-Mono) (mg/100g)	18	4.58	4.18 - 4.99
Moisture 102oC (%)	21	2.40	2.17 - 2.63
myo-Inositol (mg/kg)	12	576	506 - 645
Nucleotides (Total) (mg/100g)	18	38.0	35.2 - 40.8
pH 10% solution (pH units)	18	6.85	6.67 - 7.03
Protein (g/100g)	14	19.1	18.7 - 19.6
Taurine (mg/100g)	15	53.7	49.3 - 58.0
Total Carnitine (mg/kg)	14	245	214 - 276
Total Fructan (FOS) (%)	10	1.31	1.06 - 1.55



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Version 2

Uridine (5-Mono) (mg/100g)	14	7.78	6.58 - 8.97

** 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 Values*.

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