Inter-laboratory Quality Control Material Data Sheet

QC Material ID: 15190-QC-PR12753

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

Issue Date: 13 April 2026

Expiry Date: 19 November 2026

Test Name	n Values	Assigned Value	Assigned Range
Alanine (%)	6 *	0.913	0.872 - 0.954
Arginine (%)	8	0.756	0.682 - 0.831
Ascorbic Acid Vit C (mg/kg)	19	1,762	1557 - 1967
Aspartic Acid (%)	8	1.94	1.82 - 2.06
B-carotene (µg/100gm)	10	141	114 - 167
Biotin (mg/kg)	18	0.496	0.445 - 0.548
Cholecalciferol Vit D3 (mg/kg)	20	0.113	0.0993 - 0.127
Choline (mg/kg)	17	1,328	1223 - 1432
Cyanocobalamin Vit B12 (mg/kg)	15	0.0453	0.0394 - 0.0511
Cystine (%)	8	0.283	0.245 - 0.321
dl-a-Tocopherol eqVit E(mg/kg)	14	215	195 - 235
Folate (as Folic Acid) (mg/kg)	18	1.30	1.15 - 1.45
Glutamic Acid (%)	8	4.46	4.20 - 4.72
Glycine (%)	4 *	0.419	0.387 - 0.451
Histidine (%)	8	0.527	0.492 - 0.562
Isoleucine (%)	5 *	1.29	1.18 - 1.39



Global Proficiency Ltd
10 Bisley Road, Enderley, Hamilton 3214, New Zealand
Unit 2/25 Mareno Road, Tullamarine, VIC 3043, Australia
p +64 7 850 4483 | +61 3 9089 1151
e sales@global-proficiency.com
w www.global-proficiency.com

Leucine (%)	6 *	2.23	2.16 - 2.31
Lysine (%)	5 *	1.94	1.79 - 2.08
Methionine (%)	8	0.586	0.546 - 0.626
Niacinamide Vit B3 (mg/kg)	16	74.6	67.7 - 81.6
Pantothenic Acid VitB5 (mg/kg)	18	51.8	45.8 - 57.8
Phenylalanine (%)	6 *	0.966	0.904 - 1.03
Phylloquinone Vit K1 (mg/kg)	20	0.708	0.570 - 0.846
Proline (%)	8	1.96	1.83 - 2.09
Pyridoxine Vit B6 (mg/kg)	18	5.37	4.38 - 6.37
Riboflavin Vit B2 (mg/kg)	18	17.0	15.0 - 19.0
Serine (%)	6 *	1.23	1.13 - 1.33
Thiamine Vit B1 (mg/kg)	17	8.56	7.42 - 9.71
Threonine (%)	8	1.20	1.14 - 1.25
Tryptophan (%)	8	0.336	0.303 - 0.370
Tyrosine (%)	6 *	0.997	0.909 - 1.09
Valine (%)	4 *	1.37	1.31 - 1.43
Vitamin A (as Retinol) (mg/kg)	16	8.78	7.67 - 9.89

** 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.

