Elemental Microanalysis Ltd
1 Hameldown Road
Okehampton
EX20 1UB
United Kingdom
Telephone: 01837 54446
Fax: 01837 54544
Web: www.elementalmicroanalysis.com

Certificate of Analysis
Part No. B2272
Corn Gluten Organic Analytical Standard

Certificate Number: 222C

Dried Basis Values

Feed Analysis		n=	k=	AOAC	**Ultimate Analysis**		n=	k=	AOAC
%Ash	(5.97)	11	--	942.05	%Carbon	50.0±1.6	38	2.0	972.43
%Crude Fat	2.44±0.53	17	2.1	920.39	%Hydrogen	7.21±0.09	20	2.1	CHNOS
%Crude Fibre	(1.99)	6	--	978.10	%Nitrogen	10.28±0.29	26	2.1	990.03
%ADF Fibre	(8.4)	8	--	973.18	%Sulphur	0.95±0.10	38	2.0	985.01
%Crude Protein	65.0±1.3	22	2.1	990.03					
%Starch	15.42±1.78	16	2.1	2014.10					
%Sugar	2.07±0.41	4	3.2	985.29					

Mineral Analysis		n=	k=	AOAC	**Mineral Analysis**		n=	k=	AOAC
mg/kg Copper	26±7	15	2.1	2011.14	%Sodium	0.16±0.02	18	2.1	2011.14
mg/kg Aluminium	(40)	14	--	ICP	mg/kg Boron	(2.8)	18	--	975.03b
mg/kg Chromium	1.8±0.3	8	2.4	ICP	%Phosphorus	0.52±0.06	18	2.1	2011.14
mg/kg Iron	189.34	16	2.1	2011.14	mg/kg Zinc	186.34	16	2.1	2011.14
%Calcium	0.35±0.05	18	2.1	2011.14	%Chlorine	(0.26)	4	--	915.01
%Magnesium	0.10±0.01	18	2.1	2011.14	mg/kg Manganese	(36)	13	--	2011.14
%Potassium	0.24±0.05	18	2.1	2011.14	mg/kg Strontium	2.5±0.4	8	2.4	ICP

Items shown in () are given for informational or reference purposes. Dried per AOAC methods.

The intended use of this reference standard is for the verification of food or feed analysis by various test methods. When necessary, professional judgement is applied toward consideration of data and statistical information. The uncertainty values represent the k=2, 95% confidence limits using ISO Guide 35 and ISO Guide to Uncertainty Measurement. Refer to your test methods and or manufacturer manual for expanded uncertainties, repeatability/reproducibility factors, and typical or minimum sample size needed.

Samples for round robin testing were selected in accordance with ARI-LAB-625. The values only relate to the material certified. Material processing includes a freezing, drying, pulverizing, and mixing to ensure homogeneity and eradicate any bio-organisms. This bottle contains 30g of fine Corn Gluten powder to be used per the test method you follow. This reference is valid for two years after opening and should be reviewed 20 years after certification date. Keep sealed tightly and store under normal laboratory conditions.

This reference material shows metrological traceability in the form of SI units expressed as mass fraction in percent or mg/kg. For good laboratory practice, we recommend that all reference materials be verified as fit for purpose prior to use. Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Elemental Microanalysis Ltd be liable for incidental or consequential damages.

THIS RM IS VALID FOR TWO YEARS FROM THE DATE OF OPENING
Certified 28th of November 2022

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