

Elemental Microanalysis Limited

Okehampton Business Park
Exeter Road
Okehampton
Devon EX20 1UB
Telephone 01837 54446
Fax 01837 54544

Certificate of Analysis**Part No. B2270****Corn Meal Standard**

Certificate Number 1012C
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(Bracketed values for reference only)

Reported Dried Basis Values**Feed Analysis**

% Fat	4.1 +/- 0.2
% Crude Fibre	1.89 +/- 0.2
% Sugar	(3.34)
% Starch	(68.47)
% Nitrogen	1.20 +/- 0.02

As Bottled/Received Values**Ultimate Analysis**

% Carbon	(45.52)
% Hydrogen	(6.3)
% Nitrogen	(1.15)
% Sulphur	0.10 +/- 0.02
% Moisture	(7.2)

As Bottled Values**Mineral Analysis**

% Calcium	0.05 +/- 0.01
% Magnesium	0.11 +/- 0.01
% Phosphorous	0.29 +/- 0.03

Mineral Analysis

% Potassium	0.46 +/- 0.08
% Sodium	0.04

PPM Boron	(1)
PPM Iron	46 +/- 9
PPM Zinc	37 +/- 15

PPM Copper	16 +/- 9
PPM Manganese	8 +/- 1
PPM Aluminium	(125)

The following procedures and standards were employed in the analysis of the above standard:

Preparation	AOAC 935.13A
Crude Fibre	AOAC 962.09
Mineral Analysis	ICP/AES - AOAC 975.03, 968.09

Total Nitrogen	AOAC 968.06
Crude Fat	AOAC 920.39
Traceable to: AAFCO standards and materials traceable to NIST SRM 1547 Peach Leaves	

Samples for round robin testing were selected in accordance with ARI 014. The values only relate to the material certified. This bottle contains 30g of fine corn meal powder to be used per the test method you follow. This product has an indefinite known shelf life unopened. Once opened the shelf life is limited to two years.

This is a certified reference material (Working Standard) and is traceable to the above-mentioned reference standard(s). For good laboratory practice, we recommend that all secondary standards be verified and documented 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

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Expiration Date: This CRM is valid for two years from the date of opening

Certified April 24, 2013