

Elemental Microanalysis Limited

Okehampton Business Park
 Exeter Road
 Okehampton
 Devon EX20 1UB
 Telephone 01837 54446/7
 Fax 01837 54544

Certificate of Analysis**Part No. B2275****Rye Flour Standard**

Certificate Number 52301
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Dried Basis Values**Feed Analysis**

% Fat	1.18 +/- 0.04
% Crude Fibre	2.8 +/- 0.5
% Carbon	44.6 +/- 0.07
% Hydrogen	6.21 +/- 0.07
% Nitrogen	1.91 +/- 0.03

As Bottled Values**Ultimate Analysis**

% Carbon	39.50 +/- 0.06
% Hydrogen	5.5 +/- 0.06
% Nitrogen	1.75 +/- 0.05
% Sulphur	0.13 +/- 0.03
% Moisture	11.41

As Bottled Values**Mineral Analysis**

% Calcium	0.05 +/- 0.01
% Magnesium	0.09 +/- 0.01
% Phosphorous	0.29 +/- 0.05

Mineral Analysis

% Potassium	0.40 +/- 0.05
% Sodium	<0.01

PPM Boron	3 +/- 2
PPM Iron	73 +/- 13
PPM Zinc	31 +/- 2

PPM Copper	19 +/- 3
PPM Manganese	35 +/- 2
PPM Aluminium	14 +/- 3

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

Preparation	AOAC 935.13A	Total Nitrogen	AOAC 968.06
Crude Fibre	AOAC 962.09	Crude Fat	AOAC 920.39
Moisture	ASTM D 3173	Sulphur	ASTM D 4239C
Mineral Analysis	ICP/AES AOAC935.13A	NIST SRM	1547 Peach Leaves

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 is a certified reference material (CRM) and is traceable to the above-mentioned NIST standard. For good laboratory practice, we recommend that all secondary standards be verified and documented prior to use.

For and on behalf of
 Elemental Microanalysis Limited

Stuart C. Carter
 Technical Director