# PROFICIENCY TESTING PROGRAMS

# CERTIFICATE

ÎT IS HEREBY CERTIFIED THAT HIERMEE WORD GESERTIFISEER DAT

## Southern African Grain Laboratory Pretoria

Feed / Voer

FOR THE PERIOD OF VIR DIE TYDPERK VAN

1 January 2012

TO

31 December 2012

PARTICIPATED IN THE QUALITY ASSURURANCE SCHEME AND CONFORMED TO THE REQUIREMENTS IN RESPECT OF THE FOLLOWING DETERMINATIONS:

AAN DIE GEHALTEVERSEKERINGSKEMA DEELGENEEM HET EN AAN DIE VEREISTES MET BETREKKING TOT DIE VOLGENDE BEPALINGS VOLDOEN HET:

Ash\*\*

Crude Fibre\*\*

Dietary Fibre\*

Fat\*\*

Protein Calc\*\*

Starch\*\*

PEDECODALANCE COTTENIA

\* MEAN ABSOLUTE Z-VALUE ≥1-2 AND PARTICIPATION >75% GEM. ABSOLUTE Z-WAARDE ≥1-2 EN DEELNAME >75%

\*\* MEAN ABSOLUTE Z-VALUE ≤1 AND PARTICIPATION >90% GEM. ABSOLUTE Z-WAARDE ≤1 EN DEFLNAME >90%

NOTE: DUE TO POSTAL STRIKES DURING 2012, THE PARTICIPATION AND RESULTING PERFORMANCE OF CERTAIN LABS COULD HAVE BEEN INFLUENCED NEGATIVELY



PRESIDENT

Johannet

CONTROL SCHEMES CC KONTROLESKEMAS BK





### CERTIFICATE OF PARTICIPATION

This certificate is awarded to:

### SOUTHERN AFRICAN GRAIN LABORATORY (SAGL)

### THE WILLOWS - PRETORIA - SOUTH AFRICA

for its participation in BIPEA interlaboratory comparisons for the annual series 2012-2013.

May 10, 2013 - Gennevilliers France

BIPEA Member

BIPEA Director



Certificate nº 12-13 / 11119



### **ACCURACY AWARD**

Operation of the Mixograph

### Southern African Grain Laboratory

Is awarded this certificate for achieving the most accurate and precise results among Series J Check Sample subscribers for 2012

Moisture, Peak Height, Peak Time 8-Minute Height, Descending Slope

David Ahm



### RECOGNITION OF ANALYTICAL PERFORMANCE

Analysis of Feed

### Southern African Grain Laboratory Pretoria SOUTH AFRICA

Achieved Outstanding Accuracy and Precision for the year 2012 in check samples including the following analyses:

Moisture, Protein, Ash, Crude Fiber, Crude Fat EE



### RECOGNITION OF ANALYTICAL PERFORMANCE

Analysis of Hard Wheat Flour

Southern African Grain Laboratory Pretoria, SOUTH AFRICA

Achieved Outstanding Accuracy and Precision for the year 2012 in check samples including the following analyses:

Moisture, Protein, Ash

Davi & Ahm