



Winnington Hall  
Winnington - Northwich - Cheshire - CW8 4DU

## Certificate of Conformity

BRC Site Code  
1815002

Certificate Reference  
9251

Audit Date  
10 & 11 May 2016

Re-audit due date  
from 18 April 2017  
to 16 May 2017

Certificate Issue Date  
22 June 2016

Certification Period  
12 Months

Certificate Expiry Date  
27 June 2017

BRC Auditor Number  
205032

Awarded to:-

**Ciba Packaging PTY (Ltd)**

Relevant to the requirements of the scope of this certificate and in accordance with the:-  
BRC Global Standard for  
Packaging and Packaging Materials (Issue 5, July 2015)

Address to which the audit and certificate applies:-  
3 Graph Avenue, Montague Gardens, Cape Town, 7441

Scope of certification:-  
The extrusion, co-extrusion (5-layer barrier film), lamination, slitting, printing, bag making and shirring of LDPE, LLDPE and PVC laminates and their conversion into food packaging such as bags, bases, lids and cases. Also the production of tray liners made from LDPE and paper.

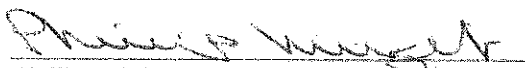
Exclusion from scope:-  
None

Product category  
Paper making and conversion  
Flexible plastics manufacture

Hygiene risk:-  
High Hygiene Risk

Achieved grade:-  
A

Signed on behalf of NSF Knight Limited

  
Phillip Knight Managing Director





# knight

Winnington Hall

Winnington - Northwich - Cheshire - CW8 4DU

## Certificate of Conformity

Awarded to:-

**Ciba Packaging (PTY) Ltd**

Relevant to the requirements of the scope of this certificate and in accordance with the:-  
**BRC Global Standard for Packaging and Packaging Materials (Issue 5, July 2015)**

Address to which the audit and certificate applies:-  
Alrode, Johannesburg, South Africa RSA

Scope of certification:-  
The extrusion and thermoforming of expanded polystyrene food trays.


Exclusion from scope:-  
None

Product category  
Rigid plastics forming

Hygiene risk:-  
High Hygiene Risk

Achieved grade:-  
**A**

Signed on behalf of NSF Knight Limited

  
Phillip Knight Managing Director

BRC Site Code  
1448659

Certificate Reference  
9268

Audit Date  
12 & 13 May 2016

Re-audit due date  
from 14 April 2017  
to 12 May 2017

Certificate Issue Date  
23 June 2016

Certification Period  
12 Months

Certificate Expiry Date  
23 June 2017

BRC Auditor Number  
205032





World Class Food Packaging

Date: 20 July 2016

To whom it may concern:

**LETTER OF GUARANTEE**

To cover all food contact materials supplied to Kaap Agri Group – Consumer Division.

This annually renewed Letter of Guarantee serves to confirm that all packaging products delivered by Cibapac to Kaap Agri Group – Consumer Division meet requirements of South African legislation – The Foodstuffs, Cosmetics and Disinfectants Act-54 of 1972. This assurance is achieved by:

- Cibapac sustaining certification against the, GFSI accredited, BRC IoP Global Standard for Packaging and Packaging Material.
- Using raw materials, additives and inks that are compliant with EU or FDA food safety regulations, which is verifiable by supplier food safety declarations.
- Cibapac's use of European Union regulations as a best practice benchmark. Benchmark regulations include:
  - **(EC) No. 1935/2004 Article 3** - EU Framework Regulation
  - **(EC) No. 2023/2006** - Good Manufacturing Practices
  - **(EU) No 10/2011** - on plastic materials and articles intended to come into contact with food

Cibapac has risk assessed the hazard of migration of chemical components into different food types and accordingly has a migration testing regime for its manufactured products where Overall migration limit (OMG) of any contact surface of packaging supplied will not exceed migration limits of 10mg/dm<sup>2</sup> of material surface.

Cibapac is familiar with the nature of Kaap Agri Group – Consumer Divisions' products, processes and conditions under which products are packed, processed, handled and stored. This will be taken into account to ensure that all packaging materials supplied will be compatible with products to be packed. Cibapac will communicate in writing when any raw material supplier and/or component of the final packaging material is changed to allow Kaap Agri Group – Consumer Division to take the necessary precautions and redo migration testing if necessary. We undertake to supply final food contact packing that does not contain or release Bisphenol A or any other chemicals that may be harmful to the consumer.

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Johannesburg Tel: +27(0)11 439 3320 Fax +27(0)11 439 8437  
Port Elizabeth Tel: +27(0)41 484 4648 Fax +27(0)41 484 4653

3 Graph Avenue, Montague Gardens, 7441, Cape Town, South Africa  
PO Box 36770, Chempet 7442  
Tel: +27(0)21 529 3800 Fax: +27 (0) 551 4614  
www.cibapac.com



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Should more sustainable packaging materials be available, these will be presented to Kaap Agri Group – Consumer Division as alternatives for consideration.

**OVERALL MIGRATION: TEST CONDITIONS & RESULTS FOR VACUUM BAGS**

Method : TES-AC-501 (UKAS accredited)

Contact time/temp : 10 days @ 20°C Overall migration limit : 10 mg/dm<sup>2</sup>

Overall migration limit : 10 mg/dm<sup>2</sup>

Quality signed off Packaging Specifications in the prescribed Kaap Agri Group – Consumer Division template, an example COA, a barcode verification, technical design layout plus colour standards will be supplied in advance of delivery of any new packaging materials to the plant.

Materials currently being supplied to Kaap Agri Group – Consumer Division and their Overall Migration Limit test results:

Simulant	Test results mg/dm <sup>2</sup>				Mean test result mg/dm <sup>2</sup>	Technique	Contact area
Sunflower Oil	1.55	5.05	1.45	0.55	2.2	Pouch Technique	2.0dm <sup>2</sup>
3% (w/v) acetic acid in an aqueous solution	0.25	0.25	0.3	0.25	0.3	Pouch Technique	2.0dm <sup>2</sup>
10% (v/v) ethanol in an aqueous solution	0.5	0.4	0.55	0.4	0.5	Pouch Technique	2.0dm <sup>2</sup>

**OVERALL MIGRATION: TEST CONDITIONS & RESULTS FOR EPS FOAM TRAYS**

Method : TES-AC-501 (UKAS accredited)

Contact time/temp : 10 days @ 20°C Overall migration limit : 10 mg/dm<sup>2</sup>

Overall migration limit : 10 mg/dm<sup>2</sup>

Simulant	Test results mg/dm <sup>2</sup>				Mean test result mg/dm <sup>2</sup>	Technique	Contact area
3% (w/v) acetic acid in an aqueous solution	5.35	5.4	-	5.3	0.3	Pouch Technique	2.0dm <sup>2</sup>
10% (v/v) ethanol in an aqueous solution	2.25	3	2.4	3.05	2.7	Pouch Technique	2.0dm <sup>2</sup>

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Simulant	Test results mg/dm <sup>2</sup>				Mean test result mg/dm <sup>2</sup>	Technique	Contact area
	0.4	0.6	0.25	0.25			
Iso-Octane *	0.4	0.6	0.25	0.25	0.5	Pouch Technique	2.0dm <sup>2</sup>

\*Equivalent to Vegetable Oil/10 day40°C

**OVERALL MIGRATION: TEST CONDITIONS & RESULTS FOR PVC**

Method : TES-AC-501 (UKAS accredited)

Contact time/temp : 10 days @ 20°C Overall migration limit : 10 mg/dm<sup>2</sup>

Overall migration limit : 10 mg/dm<sup>2</sup>

Simulant	Test results mg/dm <sup>2</sup>				Mean test result mg/dm <sup>2</sup>	Technique	Contact area
	1.3	0.4	0.2	-			
Sunflower Oil	1.3	0.4	0.2	-	0.63	Total Immersion	2.0dm <sup>2</sup>
3% (w/v) acetic acid in an aqueous solution	1.3	1.35	1.3	1.25	1.3	Total Immersion	2.0dm <sup>2</sup>
10% (v/v) ethanol in an aqueous solution	0.9	1.0	1.35	1.1	1.1	Total Immersion	2.0dm <sup>2</sup>

Innovation Manager:

Martin Carew: 

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# EMPOWERDEX

Economic Empowerment Rating Agency



Empowerdex (Pty) Ltd. Reg. 2001/027963/07

1<sup>st</sup> Floor 3<sup>rd</sup> Building, Inanda Greens Business Park, 54 Wierda Road West, Wierda Valley, Sandton, 2197,

Tel: 011 883 8548 Fax: 011 326 7803

Directors: Y Jack\*, CC Wu\*, L Ralsoma\*, J Brebnor\*\* Executive

14 July 2016

Dear Sir / Madam

**Independent economic empowerment rating services to Ciba Packaging (Pty) Ltd. Registration: 2009/004212/07**

This letter serves to confirm that **Ciba Packaging (Pty) Ltd** has contracted Empowerdex (Pty) Ltd to perform an independent broad based black economic empowerment (BBBEE) rating of the company.

**Ciba Packaging (Pty) Ltd** has submitted all the initial information required to engage Empowerdex (Pty) Ltd in this regard. The audit visit was performed and the **Ciba Packaging (Pty) Ltd** file is in review. An Empowerdex BEE Rating will be awarded to **Ciba Packaging (Pty) Ltd** upon completion of the rating process.

This letter is valid until **14 October 2016** which should provide enough time for the rating in question to be finalized. Tender letters may unfortunately not be renewed should the rating not yet be finalized by its expiry date of issue and needs to be renewed at that time if the rating has not been completed.

Please do not hesitate to contact Empowerdex (Pty) Ltd if you have any enquiries concerning BEE Ratings.

Yours Faithfully

A handwritten signature in black ink, appearing to read 'Zuraan Allie'.

**Zuraan Allie**  
**Empowerdex – Western Cape**  
**Tel: (021) 419 5130**

**Campden BRI Group:**

Chipping Campden, Gloucestershire, UK  
Campden BRI (UK) Limited, a subsidiary of Campden BRI Group, UKAS No. 1079  
Campden BRI (India) Private Limited, India

**Campden BRI**



**Registered Office:**

Station Road • Chipping Campden • Gloucestershire • GL55 6LD • UK

**Confidential report for:**

**Ciba Packaging (PTY) Ltd**

FAO: Deon Geldenhuis

3 Graph Avenue

Montegue Gardens 7441

Cape Town

South Africa

**Report on:**

**Overall migration from food contact materials**

Report number: AC/REP/136008/148 • Issue date: 6<sup>th</sup> August 2015

**Contact details:**

Danielle Cawdron • Chemistry & Biochemistry • Campden BRI (Chipping Campden) Limited  
danielle.cawdron@campdenbri.co.uk • Tel: +44 (0)1386 842021 • Fax: +44 (0)1386 842100

**Report issued and authorised by:**

Campden BRI (Chipping Campden) Limited

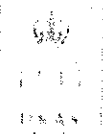
N. Byrd • Chromatography Section Manager

Our ref: 148 Ciba

Page count: 3

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[DC: RA-T-9-102: 09/13 (4) : R/AJR]



**Campden BRI (Chipping Campden) Limited – part of the Campden BRI group**

**A UKAS accredited testing laboratory No. 1079**

Station Road • Chipping Campden • Gloucestershire • GL55 6LD • UK

[www.campdenbri.co.uk](http://www.campdenbri.co.uk)

### SAMPLE INFORMATION

Company : Ciba packaging (PTY) Ltd  
Product description : PVC Printed product  
Campden reference : AC/136008/148  
Date received : 24<sup>th</sup> June 2015  
Condition : Free from any apparent or obvious physical defects  
Storage : Ambient  
Date of analysis : 24<sup>th</sup> June – 6<sup>th</sup> August 2015  
Test data : DLMS/E5, p80 and DLMS/E6, p12-13

### METHODS AND REFERENCES

Testing programs for overall migration are devised in accordance with the BS EN ISO 1186 series of standards and Commission Regulation No. 10/2011 as amended.

Methods used for this work and accredited by UKAS are listed in the Schedule of Accreditation, a copy of which is available from: <http://www.campden.co.uk/campdenbri/qualityofservice.php>

Method TES-AC-500 is based on BS EN 1186:2002 parts 2, 4, 6, 8.

Global (overall) migration from packaging materials into olive oil food simulants by total immersion, single side contact by cell technique, single side contact by pouch technique and by article filling technique.

Method TES-AC-501 is based on BS EN 1186:2002 parts 3, 5, 7, 9 and 14.

Global (overall) migration from packaging materials into aqueous food simulants and substitute fatty food simulants by total immersion, single side contact by cell technique, single side contact by pouch technique and by article filling technique.

Four test specimens are used in each overall migration test performed with food stimulants to ensure that a minimum of three valid test results are obtained.

Sunflower oil is used as an alternative to rectified olive oil - "reference stimulant D". The sunflower oil used has characteristics in accordance with those specified in Annex A of BS EN 1186-1:2002.

### CALCULATION OF RESULTS

Where a test result for a replicate is found to be less than the limit of detection the calculated numerical value, *M* (as defined in clause 3.6.1 of BS EN 1186-3:2002 for aqueous testing and clause 8.1 in BS EN 1186-2:2002 for olive oil testing) and not the limit of detection is used for that replicate for the purpose of calculating the mean overall migration result. Where the calculated numerical value is negative, a value of zero is used for purposes of calculating the mean.

Concerning overall migration into oil, unless this report includes an explicit statement to the contrary, reduction factors are not taken into account when reporting the results.

Concerning specific migration results, in accordance with commission regulation 10/2011 the specific gravity of all simulants conventionally is assumed to be '1'. 1kg of food simulant therefore is taken to occupy the volume of 1L. The SML is set with the assumption that 6.0dm<sup>2</sup> of surface area comes into contact with 1kg of food. Results are adjusted for 6.0dm<sup>2</sup>/kg.

Our ref: 148 Ciba

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**OVERALL MIGRATION: TEST CONDITIONS & RESULTS**

Method : TES-AC-500 & TES-AC-501 (UKAS accredited)  
Contact time/temp : 10 days @ 40°C  
Overall migration limit : 10 mg/dm<sup>2</sup>

Simulant	Test results mg/dm <sup>2</sup>			Mean test result mg/dm <sup>2</sup>	Technique	Contact area
Sunflower Oil*	31.21	45.25	23.7	33.4	Total Immersion	2.88 dm <sup>2</sup>
3% (w/v) acetic acid in an aqueous solution	2.78	1.11	1.74	1.9	Total Immersion	1.44 dm <sup>2</sup>
10% (v/v) ethanol in an aqueous solution	0.63	1.18	1.53	1.1	Total Immersion	1.44 dm <sup>2</sup>

**\*Please note that the sample blank analysed naturally contained greater than 100mg of fatty acids. This invalidates the above results as the food contact material has demonstrated that it is unsuitable for analytical migration testing with sunflower oil simulant and as such should be re-tested using an alternative simulant D1**



World Class Food Packaging

## THE CIBAPAC QUALITY AND FOOD SAFETY POLICY STATEMENT

CIBAPAC management is fully committed to the implementation of the requirements of the **BRC Global Standard for Packaging and Packing Materials (Issue 5)** as an integral element of the CIBAPAC Operating System. It is Management's intention to meet our obligation to produce safe and legally compliant product to the specified quality in so doing fulfilling our responsibility to our customers and consumers. Opportunities for improvement are identified, implemented and documented.

CIBAPAC falls in the **High Hygiene Risk Category**, as CIBAPAC packing material comes into direct contact with food products. The status of High Hygiene Risk, defines management commitment required to institute and govern and improve quality and food safety practices through out the organisation that will effectively minimise the associated risk.

This commitment is demonstrated through our provision of the necessary human and financial resources, together with:

- Organisation Charts which clearly define areas of responsibility and reporting lines;
- Communication and reporting on the key performance indicators of the system including customer feedback and product conformance;
- An appointed Management Representative with the necessary authority to ensure that the requirements of the system are maintained;
- Management Reviews, conducted on a minimum annual frequency, at which the overall effectiveness of the system is evaluated;
- Regular / Review of internal Systems compliance to requirements of the Standard's Fundamentals and Clause intent;
- Records demonstrating compliance with relevant quality, food safety and legislative requirements;
- The maintenance of a system which keeps the organisation informed of product safety, scientific, technical and legislative requirements;
- Correcting non-compliances; to ensure continual improvement
- Communication of this policy and the relevant training of all CIBAPAC personnel;
- The establishment, measurement and monitoring of quality and food safety objectives for which this policy provides a framework.

Signed:

A handwritten signature in black ink, appearing to be "Lloyd White", written over a horizontal line.

MANAGING DIRECTOR: Lloyd White

POLICY NO.: 3.1. Rev 10

REVIEW DATE: 06 August 2015

NEXT REVIEW DATE: 06 August 2017

### SAMPLE INFORMATION

Company : Cibapac Ltd  
Product description : 22 micron PVC Wrap  
Campden reference : AC/129815/13  
Date received : 5<sup>th</sup> April 2013  
Condition : Free from any apparent or obvious physical defects  
Storage : Ambient  
Date of analysis : 5<sup>th</sup> April – 6<sup>th</sup> June 2013  
Test data : DL5M/C7, p58-60

### METHODS AND REFERENCES

Testing programs for overall migration are devised in accordance with the BS EN ISO 1186 series of standards and Commission Regulation No. 10/2011 as amended.

Methods used for this work and accredited by UKAS are listed in the Schedule of Accreditation, a copy of which is available from: <http://www.campden.co.uk/campdenbri/qualityofservice.php>

Method TES-AC-500 is based on BS EN 1186:2002 parts 2, 4, 6, 8.

Global (overall) migration from packaging materials into olive oil food simulants by total immersion, single side contact by cell technique, single side contact by pouch technique and by article filling technique.

Method TES-AC-501 is based on BS EN 1186:2002 parts 3, 5, 7, 9 and 14.

Global (overall) migration from packaging materials into aqueous food simulants and substitute fatty food simulants by total immersion, single side contact by cell technique, single side contact by pouch technique and by article filling technique.

Four test specimens are used in each overall migration test performed with food stimulants to ensure that a minimum of three valid test results are obtained.

Sunflower oil is used as an alternative to rectified olive oil - "reference stimulant D". The sunflower oil used has characteristics in accordance with those specified in Annex A of BS EN 1186-1:2002.

### CALCULATION OF RESULTS

Where a test result for a replicate is found to be less than the limit of detection the calculated numerical value,  $M$  (as defined in clause 3.6.1 of BS EN 1186-3:2002 for aqueous testing and clause 8.1 in BS EN 1186-2:2002 for olive oil testing) and not the limit of detection is used for that replicate for the purpose of calculating the mean overall migration result. Where the calculated numerical value is negative, a value of zero is used for purposes of calculating the mean.

Concerning overall migration into oil, unless this report includes an explicit statement to the contrary, reduction factors are not taken into account when reporting the results.

**OVERALL MIGRATION: TEST CONDITIONS & RESULTS**

Method : TES-AC-501 (UKAS accredited)  
 Contact time/temp : 10 days @ 20°C  
 Overall migration limit : 10 mg/dm<sup>2</sup>

Simulant	Test results mg/dm <sup>2</sup>				Mean test result mg/dm <sup>2</sup>	Technique	Contact area
3% (w/v) acetic acid in an aqueous solution	0.97	1.04	0.69	1.04	0.9	Total Immersion	1.44dm <sup>2</sup>
10% (v/v) ethanol in an aqueous solution	0.97	0.90	1.18	0.97	1.0	Total Immersion	1.44dm <sup>2</sup>

Method : TES-AC-501  
 Contact time/temp : 2 days @ 20°C  
 Overall migration limit : 10 mg/dm<sup>2</sup>

Simulant	Test results mg/dm <sup>2</sup>				Mean test result mg/dm <sup>2</sup>	Technique	Contact area
Iso-Octane *	11.7	12.6	15.2	9.7	12.3	Total Immersion	1.44dm <sup>2</sup>

\*Equivalent to Vegetable Oil / 10 days @ 40°C