

# CERTIFICATE OF ACCREDITATION

This is to certify that:

## CERES FRUIT JUICES LABORATORY

Facility Accreditation Number: **T0202**

is a South African National Accreditation System accredited Testing laboratory  
provided that all SANAS conditions and requirements are complied with

This certificate is valid as per the scope on the accompanying schedule of accreditation  
bearing the above accreditation number for

## CHEMICAL & MICROBIOLOGICAL ANALYSIS

The facility complies with the general requirements of

**ISO/IEC 17025:2005**

*This accreditation demonstrates technical competency for a defined scope and the operation of a laboratory quality management system and shall remain in force subject to continuing compliance with SANAS accreditation criteria, ISO/IEC 17025:2005 and any further requirements specified by SANAS*

While this certificate remains valid, the Accredited Facility named above is authorised to use  
the relevant SANAS accreditation symbol to issue facility reports and/or certificates

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**Mr R Josias**  
**Acting Chief Executive Officer**

**Effective Date: 04 May 2009**  
**Certificate Expires: 01 July 2013**

*"Recognised as the official national accreditation body by the Department of Trade and Industry of  
the Republic of South Africa"*

## SCHEDULE O FAC CREDITATION

Testing Laboratory Number: T0202

<p><b><u>Permanent Address of Laboratory:</u></b> Ceres Fruit Juices Laboratory 3 Bon Chretien Street Ceres 6835</p> <p><b><u>Postal Address:</u></b> PO Box 28 Ceres 6835</p> <p>Tel : 023 316 9100 Fax : 023 316 1040 E-mail : <a href="mailto:jbence@ceres.co.za">jbence@ceres.co.za</a></p>	<p><b><u>Technical Signatories</u></b> : J Bence (Chemical &amp; Microbiological) : W Botha (Chemical &amp; Microbiological) : L Visser (Chemical &amp; Microbiological) : N Mtibe - Mlanjana (Microbiological) : A Walters (Microbiological) : L Sotashe (Microbiological)</p> <p><b><u>Management Signatories</u></b> : J Bence : W Botha</p> <p><b><u>Nominated Representative</u></b> : J Bence</p> <p>Issue No. : 05 Date of issue : 04 May 2009 Expiry date : 01 July 2013</p>	
<b>Materials/Products Tested</b>	<b>Types of Tests/Properties Measured, Range of Measurement</b>	<b>Standard Specifications, Equipment/ Techniques Used</b>
	<b>CHEMICAL</b>	<b>In-house Methods</b>
Juice & Concentrate	Determination of colour and clarity (Spectrophotometer Genesys 20)	4.10.1.18
	Determination of acid (Metrohm 702 SM Titrino Autotitrator)	4.10.1.19
	Determination of brix using RFM 340 (Bellingham&Stanley) refractometer	4.10.1.36
	<b>MICROBIOLOGICAL</b>	
Juice & Concentrate	Total count	4.10.1.38
	Yeast and mould count	4.10.1.39
	<i>Lactobacilli</i> count	4.10.1.41
	Heat resistant moulds	4.10.1.43
	Thermophilic, acidophilic bacterial (TAB) count	4.10.1.50

Original date of accreditation: 01 July 2003

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ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

**Field Manager**