

CERTIFICATE OF ACCREDITATION

This is to certify that:

SABS COMMERCIAL (PTY) LTD
Co. reg no: 2000/013581/07

Facility Accreditation Number No. **PTS0003**

is a South African National Accreditation System accredited Organisation
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

**PROFICIENCY TESTING BY INTERLABORATORY COMPARISONS
– WATER CHEMICAL ANALYSIS**

The facility complies with the general requirements of

ISO/IEC GUIDE 43-1:1997 PART 1 AND ILAC G13:2000

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

Mr R Josias
Chief Executive Officer

Effective Date: 30 January 2008
Certificate Expires: 30 January 2012

This certificate is only valid when accompanied by its schedule of accreditation.

ANNEXURE A

SCHEDULE OF ACCREDITATION

Proficiency Testing Scheme Provider: PTS0003

<p>Permanent Address of Laboratory: SABS Commercial (Pty) Ltd Water Section 1 Dr Lategan Road Groenkloof, Pretoria</p> <p>Postal Address: Private Bag X191 Pretoria 0001</p> <p>Tel : (012) 428-6844 (Mr CM Fouche) Tel : (012) 428-6884 (Ms GM Mare) Tel : (012) 428-6383 (Ms C Modika) Fax : (012) 428-6019 E-mail : modikac@sabs.co.za</p>	<p>Persons involved in design and conduct of the schemes:</p> <p>Scheme Co-ordinator : Ms C Modika</p> <p>Scheme Manager : Mr CM Fouche</p> <p>Nominated Representative : Ms GM Mare</p> <p>Issue No. : 08 Date of issue : 08 July 2010 Expiry date : 30 January 2012</p>
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Materials Supplied	Title of Scheme	Tests Performed	
Water	Heavy Metals (Group 1) Nutrient and Oxygen demand (Group 2) Major Constituents (Group 3)	Aluminium Barium Beryllium Boron Cadmium Chromium Cobalt Copper Iron Lead	Manganese Molybdenum Nickel Silicon Strontium Vanadium Zinc Mercury Arsenic Selenium
		Kjeldahl Nitrogen Nitrate Ammonia Total Phosphate Orthophosphate	Oxygen Absorbed Chemical Oxygen demand Total Organic Carbon Dissolved Organic Carbon
		pH Conductivity Dissolved solids Calcium Magnesium Sodium Nitrate	Potassium Chloride Fluoride Sulfate Alkalinity Turbidity

Original date of accreditation: March 2004

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Field Manager