

CERTIFICATE OF ACCREDITATION

In terms of section 22(2) (b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-

CONSULTING CHEMICAL LABORATORIES (PTY) LTD **Co. Reg no. 1988/000026/07**

Facility Accreditation Number: **T0003**

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 Annexure "A", bearing the above accreditation number for

CHEMICAL ANALYSIS

The facility is accredited in accordance with the recognised International Standard

ISO/IEC 17025:2005

The accreditation demonstrates technical competency for a defined scope and the operation of a laboratory quality management system

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
Acting Chief Executive Officer

Effective Date: 16 April 2010
Certificate Expires: 31 July 2010

ANNEXURE A

SCHEDULE OF ACCREDITATION

Testing Laboratory Number: T0003

<p>Permanent Address of Laboratory: Consulting Chemical Laboratory (Pty) Ltd 24 Star Street Atlasville, Boksburg 1465</p> <p>Postal Address: P O Box 4936 Atlasville Boksburg 1465</p> <p>Tel : (011) 395-3222 Fax : (011) 395-3218</p>	<p>Technical Signatories: Ms V G Koterba : All methods Ms S King : All methods Ms C A Wheeler : All methods</p> <p>Nominated Representative : Ms S King</p> <p>Issue No. : 16 Date of issue : 20 April 2010 Expiry Date : 31 July 2010</p>	
<p>Sample Type/ Materials/ Products Tested</p>	<p>Types of Tests/Properties Measured, Range of Measurement</p>	<p>Standard Specifications, Equipment/Techniques Used</p>
<p>PHARMACEUTICAL (Raw Materials, in-process and finished products, i.e tablets, capsules, oral suspension, aerosols, inhalers, liquids, injections, Intravenous preparations, suppositories, lotions, creams and sprays & drops)</p>	<p>Qualitative and Quantitative Analysis of Pharmaceutical Formulations</p>	<p>1. Client Methods 2. Documented in-house methods and procedures 3. The United States pharmacopoeia 4. The British Pharmacopoeia 5. The European Pharmacopoeia</p> <p><u>EQUIPMENT AS PRESCRIBED IN THE METHODOLOGY</u></p> <p><u>PHYSICAL</u> Hardness Friability Density Disintegration Melting Point Refractive Index Viscosity Physical Dimensions</p> <p><u>CLASSICAL</u> Volumetric Gravimetric Kjeldahl Nitrogen</p>

Field Manager

ANNEXURE A

Laboratory No: T0003
Date of issue: 20 April 2010
Expiry date: 31 July 2010

Sample Type/Materials/ Products Tested	Types of Tests/Properties Measured, Range of Measurement	Standard Specifications, Equipment/ Techniques Used
<p>Pharmaceutical raw materials and finished products</p> <p>Pharmaceutical raw materials and finished products</p>	<p><u>TECHNIQUES:</u></p> <p>Spectrophotometry</p> <p>HPLC</p>	<p><u>ELECTROMETRIC</u> Potentiometer Conductometer Ion Selective Karl Fischer</p> <p><u>SPECTROMETRIC</u> UV – Visible Infra – Red Atomic Absorption</p> <p><u>DISSOLUTION</u> UV – Visible Spectrophotometer AA Spectrophotometer GLC/HPLC Chromatography</p> <p><u>CHROMATOGRAPHY</u> Gas – Liquid (Flame) High – performance liquid (UV – VIS and refractive Index) Ion chromatography (Conductometric)</p> <p>UV Range VIS Range</p> <p>UV Detectors</p>

Original date of accreditation: 31 October 1994

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ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Field Manager