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PCS Calibrator Kit
Calibration Certificate

Calibration Number:	«lot_code»	Customer:	strCustomerName	Issue Date:	25 Jan 2012
Serial Number:	«serial_number»	Address:	strAddress1	Test Date:	strTestDate
Lot Code:	«lot_code»		strAddress2	Condition:	New
			strAddress3		

Description of Item Calibrated:
The PCS® Calibrator Kit contains four vials (CAL A, B, C and D) with calibrator values, lot code and expiration date. Absorbance of each vial is measured using the Cal A vial as a zero point reference. The ratios are corrected to a reference temperature of 25°C.

Traceability:
Calibration is performed on a Varian UV/VIS Spectrophotometer, Serial Number EL05073629 or EL02065994. These instruments are calibrated monthly using Certified Reference Materials calibrated by National Physical Laboratory, UKAS No. 0478, RM-NIN35N Serial Number 7308, RM-IN2N3N Serial Number 7232, and RM-DID39N Serial Number 8984. The Certified Reference Materials provide traceability to the International System of Units (SI).

Environmental Conditions:
Solution Temperature strTemp °C

Calibration Method Document Number: 310A2997

Cal Vial	Absorbance Ratio (520/730)	Expanded Uncertainty (k=2)
B	«ratio_b»	0.0037
C	«ratio_c»	0.0021
D	«ratio_d»	0.0017

These results relate only to the kit identified in this report.

Uncertainty:
Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of *k*=2.

The A2LA symbol does not imply certification/approval of the products, but rather accreditation of the competency of the Artel Laboratory to perform this calibration. This calibration certificate shall not be reproduced except in full, without written approval of the Artel Laboratory.

Performed by: PerformedBySig Date: strPBDate
Technician: strPerformedBy

Authorized by: Date: 25 Jan 2012
Technical Manager: strAuthorizedBy

The PCS and its components are covered by patents: US 5,492,673; US 7,772,008; US 7,791,716; EP 0 711 404; EP 0 628 157; DE 693 21 947; JP 2520852; and other US and Foreign Patents Pending.

Sample