

CERTIFICATE OF CALIBRATION



All equipment and standards used are of known accuracy and traceable to national standards. Details of test equipment and standards relevant to this certificate are available upon request.

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Date of Issue: 25 January 2024
Job Number: 215587
Description: Alphatracka 25cm 660nm
Part Number: 0161-5552R
Serial Number: 12-8780-002

REPORT

Alphatracka is a 25cm cm transmissometer, measuring attenuation of light at 660nm. It is designed for use at depths up to a maximum of 6000m.

RESULTS

Readings from the transmissometer were taken, at a temperature of 20°C, +/- 1°C, in both air and purified water, and the following results were obtained:

Reading	Volts
Air	4.2375
Purified water	4.2000
"Zero"	0.0147

NOTES

The 'Zero' reading was obtained by mechanically obstructing the detection window.
The purified water used was generated using a reverse-osmosis/ion exchange column.
'Purer' water (ie water with a higher transmission) may be found in clear deep ocean conditions.

EQUIPMENT USED DURING CALIBRATION

Digital Volt Meter	Fluke CIL 124
Power Supply Unit	Tenma CIL 154

Name: JA Attridge
Signed: 
Date: 25 January 2024

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