

## CERTIFICATE OF CALIBRATION

WE HEREBY CERTIFY THAT THE CONTAMINATION MONITORING PRODUCT DETAILED BELOW HAS BEEN FULLY CALIBRATED WITH ISO MEDIUM TEST DUST (MTD) BASED ON ISO 11171 ON TEST EQUIPMENT CERTIFIED TO ISO 11943 BY I.F.T.S (Institut de la Filtration et des Techniques Séparatives).

We hereby confirm that the above mentioned measuring system was calibrated according to DIN ISO 9001, under the observation of a certified quality assurance system. The measuring installation used for calibration are regularly calibrated to national standards by I.F.T.S. Should no national standards exist, the measuring procedure corresponds with the technical regulations and norms valid at the time of the measurement

PRODUCT TYPE	LPA2
SERIAL NUMBER	00 5152
CERTIFICATE NUMBER	00 5152 27 04 15

MEDIUM TEST DUST BATCH NUMBER	10755
DATE OF CALIBRATION	27 04 15
CALIBRATION RIG NUMBER	00206

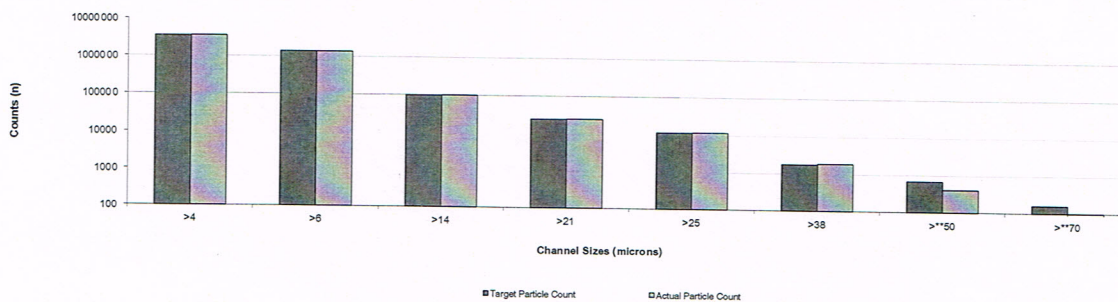
PARTICLE COUNT LIMITS AT 16mg/L CONCENTRATION  
 (Suspension of ISO MTD in MIL-H-5606)  
 No. particles reported per 100ml volume

Particle Size	Calibration Pulse Height	Target Particle Count	Actual Particle Count	Deviation	% Deviation (+/- 10%)
[microns (c)]	[mV]	[n]	[n]	[n]	[%]
>4	331	3485137	3536752	51615	1.48%
>6	558	1369467	1369375	-92	-0.01%
>14	490	97435	100749	3314	3.40%
>21	903	24244	24433	189	0.78%
>25	1096	11407	11564	156	1.37%
>38	1331	1790	1880	90	5.01%
>**50	1399	691	420	-	-
>**70	1474	160	66	-	-

\*\*These particle sizes are not yet certified by NIST

LS1 No Noise Threshold	LS1 Threshold Sensitivity	Sensitivity Threshold Ratio	LS2 No Noise Threshold	LS2 Threshold Sensitivity	Sensitivity Threshold Ratio
[mV]	[mV]	[-]	[mV]	[mV]	[-]
37	293.96	8.945	84	473.66	6.639

Actual versus target calibration level



CALIBRATION RESULT **PASS**

RE-CALIBRATION DUE 1 YEAR FROM FIRST USE

CALIBRATED BY *C. Kepp*

PASS - VERIFIED

Position Calibration Lab Technician

Newly purchased products are covered under warranty for 12 months from first use  
 Products being returned for re-calibration are verified for accuracy for a further 12 months. This does not extend the warranty.  
 Customers are responsible for managing the intervals between calibration's as defined within ISO 9001:2000