

9 Achievement Crescent, Acacia Ridge, Qld Australia 4110 PO Box 360, Archerfield, Qld Australia 4108

14 September 2009

The Director
Spa Electrics Pty Ltd
PO Box 4410
DANDENONG SOUTH VIC 3164

Dear Mr Webber,

Re: RoHS Compliance

In support of your request to ensure compliance of the Lanotec product range to the RoHS Standard, please accept the following response.

Each of the Lanotec products undertakes a simplified manufacturing process, whereby any additions to the product are easily traced, there are no by-products 'in situ', and the raw materials are evaluated for impurities and governed by a supply agreement covered by a Certificate of Analysis determining levels of impurities.

To confirm this, a typical sample of raw material was analysed for particular focus on heavy metals, knowing that no brominated compounds are present given the raw material origins, and the accompanying certificate of analysis. Attached is a summary of the metals analysis for your records, clearly demonstrating compliance with the EU directive 2002/95/EC (RoHS).

In the unlikely event of formulation changes, Lanotec Australia will contact you with updated compliance information. Should you have queries regarding our products, please contact me at anytime.

Best regards,

LANOTEC AUSTRALIA

Steve Newling Managing Director

Encl. lab/SN





☐ Sydney: 277 Woodpark Rd, Smithield NSW 2176 Ph; 02 8784 8555 Essenples sydney@alsenwrd.com ☐ Newcastle: 5 Rosegun Rd, Warathrok NSW 23N4

☐ Brisbane: 22 Shand St. Stofford OLD 4053 Ph.U7 3243 7222 E samples.brsbane@alsenvdo.com ☐ Townsville: 14-15 Desna St. Bolle QLD 4818 Boots area cannot

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Pn;03 55-9 95:05 E: samptes metbourne@astenvis con
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☐ Launceston: 27 Wellington St. Launceston TAS 7250
Ph. (70 8331 2158 E. launceston@alserwiro.com)

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Bowen Hills Old 4006	)R DISPOSAL:				HEAVY METALS ANALYSIS	ANALYSIS
Phone: (07) 3852 6755 Fax: (07) 3852 6799 Mobile: 0410 288 527	SAMPLE DETAILS MATRIX: Solid(S) Water(W)		CONTAINER INFORMATION		ANALYSIS REQUIRED including SUITES (NB. Suite Codes must be listed to attract suite price)  Where Metals are required, specify Total (unfiltered bottle required) or Dissolved (fleid filtered bottle required).	
Email: lisa@geeksrgood.com.au						Comments on likely contaminant levels.
ᄍ		¥		y 		analysis etc.
LAB ID SAN	SAMPLE ID DATE	DATE / TIME MATRIX	TYPE & PRESERVATIVE (refer to codes below)	Total Hear Metals	,	Environmental Division Brisbane
-(1) LANOLIN WOOL	LANOLIN WOOL GREASE (22/4) 27/01	27/05/2009	NONE	_		M Work Order
						EB0908521
						Telephone: +61-7-3243 7222
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				1014).		
Water Container Codes: P = Unpreserved Pis V = VOA Vial HCI Preserved; VB = VOA Vial So	stic: N = Nitric Preserved Plastic; ORC	= Nitric Preserved ORC; SH ial Sulfuric Preserved; AV = A	= Sodium Hydroxide/Cd Preserved; S = S irfreight Unpreserved Vial SG = Sulfuric P	odium Hydroxide Preserved Plastic; A reserved Amber Glass; H = HCl pre	iG = Amber Glass Unpreserved; AP - Airfreight Unpreserved Plastic; HS = HCl preserved Speciation bottle	Water Contribute Codes: P = Unpreserved Flastic (N = Nitro Preserved, R = Activity Preserved Flastic)  Water Contribute Codes: P = Unpreserved Flastic (N = Nitro Preserved Flastic)  V = VOA Vial HCI Preserved: V = VOA Vial Sodium Blaubitate Preserved; V = VOA Vial Sodium Blaubitate
Z = Zinc Acetate Preserved Bottle; E = EDTA Pr	eserved Bottles; ST = Sterile Bottle: ASS	= Plastic Bag for Acid Sulphi	te Soils; B = Unpreserved Bag.			

# ALS Laboratory Group ANALYTICAL CHEMISTRY & TESTING SERVICES

## **Environmental Division**



# QUALITY CONTROL REPORT

Quote number	Order number	Sampler	C-O-C number	Site	Project	Facsimile	Telephone	E-mail		Address	Contact	Client	Work Order
:		: Lisa Bateson	1		ï	: +61 07 38526799	: +61 07 38526755	: cash.sale@alsenviro.com	BOWEN HILLS QLD, AUSTRALIA 4006	: 10a/31 THOMPSON STREET	: MS LISA BATESON	: GEEKS R GOOD	: EB0908521
No. of samples received		Issue Date	Date Samples Received		QC Level	Facsimile	Telephone	E-mail		Address	Contact	Laboratory	Page
7.7		: 03-JUN-2009	: 28-MAY-2009		: NEPM 1999 Schedule B(3) and ALS QCS3 requirement	: +61-7-3243 7218	: +61-7-3243 7222	: Services.Brisbane@alsenviro.com		: 32 Shand Street Stafford QLD Australia 4053	: Tim Kilmister	: Environmental Division Brisbane	: 1 of 5

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits



#### NATA Accredited Laboratory 825

Signatories

carried out in compliance with procedures specified in 21 CFR Part 11. This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been Accreditation Category

Senior Inorganic Chemist

Inorganics

Signatories

Accredited for compliance with

accreditation requirements.

Kim McCabe

This document is issued in accordance with NATA

MORLD RECOGNISED

ACCREDITATION

**Environmental Division Brisbane** Part of the ALS Laboratory Group

32 Shand Street Stafford QLD Australia 4053
Tel. +61-7-3243 7222 Fax. +61-7-3243 7218 www.alsglobal.com

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#### General Comments

developed procedures are employed in the absence of documented standards or by client request The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insuffient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key: CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society. LOR = Limit of reporting Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot

# = Indicates failed QC

RPD = Relative Percentage Difference

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## Laboratory Duplicate (DUP) Report

No Limit; Result between 10 and 20 times LOR:- 0% - 50%; Result > 20 times LOR:- 0% - 20%. for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR:-The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges

Sub-Matrix: SOIL						Laboratory D	Laboratory Duplicate (DUP) Report		
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
EG005T: Total Meta	EG005T: Total Metals by ICP-AES (QC Lot: 996322)	322)							
EB0908447-001	Anonymous	EG005T: Cadmium	7440-43-9	_	mg/kg	4	4	0.0	No Limit
		EG005T: Chromium	7440-47-3	20	mg/kg	15	26	# 54.4	0% - 50%
		EG005T: Nickel	7440-02-0	2	mg/kg	თ	10	54.8	No Limit
		EG005T: Arsenic	7440-38-2	Ch	mg/kg	10	14	33.9	No Limit
		EG005T: Copper	7440-50-8	On	mg/kg	6	စ	36.2	No Limit
		EG005T: Lead	7439-92-1	Ch	mg/kg	1	19	53.0	No Limit
		EG005T: Zinc	7440-66-6	ഗ	mg/kg	12	15	23.0	No Limit
EB0908521-001	LANOLIN WOOL GREASE (22/4)	EG005T: Cadmium	7440-43-9	_	mg/kg	7	Δ	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	2	\$	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	8	۵	0.0	No Limit
		EG005T: Arsenic	7440-38-2	G	mg/kg	&	&	0.0	No Limit
		EG005T: Copper	7440-50-8	6	mg/kg	<b>~</b> 5	<b>&amp;</b>	0.0	No Limit
		EG005T: Lead	7439-92-1	Ch	mg/kg	5	S	0.0	No Limit
		EG005T: Zinc	7440-66-6	O1	mg/kg	7	7	0.0	No Limit
EG035T: Total Rec	EG035T: Total Recoverable Mercury by FIMS (QC Lot: 996323)	QC Lot: 996323)							
EB0908521-001	LANOLIN WOOL GREASE (22/4)	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit

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# Method Blank (MB) and Laboratory Control Spike (LCS) Report

analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS. parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC

Sub-Matrix: SOIL				Method Blank (MB)		Laboratory Control Spike (LCS) Report	) Report	
				Report	Spike	Spike Recovery (%)	Recovery Limits (%)	Limits (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EG005T: Total Metals by ICP-AES (QCLot: 996322)								
EG005T: Arsenic	7440-38-2	ហ	mg/kg	&	13.8 mg/kg	113	78	124
EG005T: Cadmium	7440-43-9		mg/kg	7	2.82 mg/kg	94.5	77	117
EG005T: Chromium	7440-47-3	2	mg/kg	2	61.6 mg/kg	102	83	119
EG005T: Copper	7440-50-8	5	mg/kg	<5	54.7 mg/kg	102	82	122
EG005T: Lead	7439-92-1	5	mg/kg	S	55.5 mg/kg	93.8	83	117
EG005T: Nickel	7440-02-0	2	mg/kg	2	55.1 mg/kg	95.6	83	121
EG005T: Zinc	7440-66-6	СЛ	mg/kg	\$	105 mg/kg	96.6	82	120
EG035T: Total Recoverable Mercury by FIMS (QCLot: 996323)	996323)							
EG035T: Mercury	7439-97-6	0.10	mg/kg	<0.1	1.34 mg/kg	78.3	73	119

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### Matrix Spike (MS) Report

recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference. The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte

Sub-Matrix: SOIL					Matrix Spike (MS) Report	1	
				Spike	Spike Recovery (%)	Recovery Limits (%)	Limits (%)
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EG005T: Total Meta	EG005T: Total Metals by ICP-AES (QCLot: 996322)						
EB0908447-002	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	107	70	130
		EG005T: Cadmium	7440-43-9	25 mg/kg	93.0	70	130
		EG005T: Chromium	7440-47-3	50 mg/kg	94.8	70	130
		EG005T: Copper	7440-50-8	50 mg/kg	95.5	70	130
		EG005T: Lead	7439-92-1	50 mg/kg	87.3	70	130
		EG005T: Nickel	7440-02-0	50 mg/kg	95.0	70	130
		EG005T: Zinc	7440-66-6	50 mg/kg	# Not Determined	70	130
EG035T: Total Reco	EG035T: Total Recoverable Mercury by FIMS (QCLot: 996323)						
EB0908560-001	Anonymous	EG035T: Mercury	7439-97-6	5.0 mg/kg	77.2	70	130

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