



Analytical Report

LBS (Serving Biotechnology) Ltd
 Unit 20, Gatwick Business Park
 Kennel Lane
 Hookwood
 Surrey, RH6 0AH

Report No: 13-31920/1
 Date Received: 09/05/2013
 Date Tested: 13/05/2013 to 23/05/2013
 Date Issued: 23/05/2013
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For the attention of: Jim Scott (2)

By email

One sample received from LBS (Serving Biotechnology) Ltd in a plastic bag was analysed as shown below. Analytical methods employed (*subcontracted) are available on request.

Laboratory reference				226364 Batch S4-13-05 Gold Chips
arsenic*	[7440-38-2]	Method \$METAL_B1	mg/kg	ND < 0.25
cadmium*	[7440-43-9]	Method \$METAL_B1	mg/kg	0.12
chromium*	[7440-47-3]	Method \$METAL_B1	mg/kg	0.46
copper*	[7440-50-8]	Method \$METAL_B1	mg/kg	1.12
lead*	[7439-92-1]	Method \$METAL_B1	mg/kg	0.47
mercury*	[7439-97-6]	Method \$METAL_B1	mg/kg	ND < 0.10
selenium*	[7782-49-2]	Method \$METAL_B1	mg/kg	ND < 0.25
moulds*	n/a	Method \$MOULDS_B1	cfu/g	ND < 20
salmonella*	n/a	Method \$SLMNLB1	no./25g	ND
yeasts*	n/a	Method \$YEASTS_B1	cfu/g	ND < 20
aflatoxin B1	[1162-65-8]	Method AFLATXN_B1	ug/kg	ND < 1.00
aflatoxin B2	[7220-81-7]	Method AFLATXN_B1	ug/kg	ND < 1.00
aflatoxin G1	[1165-39-5]	Method AFLATXN_B1	ug/kg	ND < 1.00
aflatoxin G2	[7241-98-7]	Method AFLATXN_B1	ug/kg	ND < 1.00
total aflatoxins	n/a	Method AFLATXN_B1	ug/kg	ND < 4.00
fluoride	[16984-48-8]	Method ANION_B1	mg/kg	2.0
nitrate	[14797-55-8]	Method ANION_B1	mg/kg	26.7
nitrite	[14797-65-0]	Method ANION_B1	mg/kg	ND < 1.0
aldrin	[309-00-2]	Method OCL_B1	mg/kg	ND < 0.02
alpha-HCH	[319-84-6]	Method OCL_B1	mg/kg	ND < 0.02
beta-HCH	[319-85-7]	Method OCL_B1	mg/kg	ND < 0.02
cis-chlordane	[5103-71-9]	Method OCL_B1	mg/kg	ND < 0.02
dieldrin	[60-57-1]	Method OCL_B1	mg/kg	ND < 0.02
endosulfan A	[959-98-8]	Method OCL_B1	mg/kg	ND < 0.60
endosulfan B	[33213-65-9]	Method OCL_B1	mg/kg	ND < 0.20
endosulfan sulfate	[1031-07-8]	Method OCL_B1	mg/kg	ND < 0.02

This method is UKAS accredited. Opinions and interpretations are not accredited.



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endrin	[72-20-8]	Method OCL_B1	mg/kg	ND < 0.02
gamma-HCH (lindane)	[58-89-9]	Method OCL_B1	mg/kg	ND < 0.02
heptachlor	[76-44-8]	Method OCL_B1	mg/kg	ND < 0.02
heptachlor epoxide	[1024-57-3]	Method OCL_B1	mg/kg	ND < 0.02
hexachlorobenzene (HCB)	[118-74-1]	Method OCL_B1	mg/kg	ND < 0.02
o,p'-DDD	[53-19-0]	Method OCL_B1	mg/kg	ND < 0.02
o,p'-DDE	[3424-82-6]	Method OCL_B1	mg/kg	ND < 0.02
o,p'-DDT	[789-02-6]	Method OCL_B1	mg/kg	ND < 0.02
oxy-chlordane	[27304-13-8]	Method OCL_B1	mg/kg	ND < 0.02
p,p'-DDD	[72-54-8]	Method OCL_B1	mg/kg	ND < 0.02
p,p'-DDE	[72-55-9]	Method OCL_B1	mg/kg	ND < 0.02
p,p'-DDT	[50-29-3]	Method OCL_B1	mg/kg	ND < 0.10
trans-chlordane	[5103-74-2]	Method OCL_B1	mg/kg	ND < 0.02
toxaphene (camphechlor)	[8001-35-2]	Method OCL_B2	mg/kg	ND < 2.00
malathion	[121-75-5]	Method OP_B1	mg/kg	ND < 0.05
PCB congener 101 #	[37680-73-2]	Method PCB_B1	mg/kg	ND < 0.005
PCB congener 118 #	[31508-00-6]	Method PCB_B1	mg/kg	ND < 0.005
PCB congener 138 #	[35065-28-2]	Method PCB_B1	mg/kg	ND < 0.005
PCB congener 153 #	[35065-27-1]	Method PCB_B1	mg/kg	ND < 0.005
PCB congener 180 #	[35065-29-3]	Method PCB_B1	mg/kg	ND < 0.005
PCB congener 28 #	[7012-37-5]	Method PCB_B1	mg/kg	ND < 0.005
PCB congener 52 #	[35693-99-3]	Method PCB_B1	mg/kg	ND < 0.005
total PCB ICES 7	n/a	Method PCB_B1	mg/kg	ND < 0.02

* Starred analyses were subcontracted.

ND = not detected
 Comments

The reporting limits for endosulphan A, B and pp-DDT in the sample has been adversely affected by sample matrix interference.

For and on behalf of RPS Mountainheath:



Marco Lattughi
 Senior Operations Manager