

**REPORT ON SAMPLE OF LIQUID GUANO GOLD**

FILE NO : 1505111682

DATES ISSUED 18/05/2015  
25/05/2015<sup>1</sup> 27/05/2015<sup>2</sup> 29/05/2015<sup>3</sup>KISMET INTERNATIONAL PTY. LTD.  
For And on Behalf Of Guano Australia P/L  
4 SCHWARTZ STREET  
BUDERIM , QLD 4556CLIENT ID : KISMET  
PHONE : 07 5445 5300

SAMPLE ID : LIQUID GUANO GOLD

DATE RECEIVED : 15/05/2015

ANALYSIS REQUIRED : Full (FT-2), Heavy Metals, Cl, Se, Al, Si, Citrate soluble, insoluble, water soluble P

ITEMS	ABBREVIATION	UNIT	RESULTS	ANALYTICAL METHODS
Results of analysis on sample as received:				
TOTAL NITROGEN <sup>1</sup>	N	% w/v	<b>0.0655</b>	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	% w/v	<b>8.63</b>	Acid digestion, ICPAES
Citrate Soluble Phosphorus <sup>2</sup>		% w/v	<b>7.24</b>	2% citric acid, ICPAES
Insoluble Phosphorus <sup>2</sup>		% w/v	<b>1.39</b>	Calculation
Water soluble Phosphorus <sup>2</sup>		% w/v	<b>0.0278</b>	Water Extraction, ICPAES
TOTAL POTASSIUM	K	% w/v	<b>0.284</b>	Acid digestion, ICPAES
TOTAL SULPHUR	S	% w/v	<b>0.169</b>	Acid digestion, ICPAES
TOTAL CALCIUM	Ca	% w/v	<b>27.2</b>	Acid digestion, ICPAES
TOTAL MAGNESIUM	Mg	% w/v	<b>3.2</b>	Acid digestion, ICPAES
TOTAL SODIUM	Na	% w/v	<b>0.14</b>	Acid digestion, ICPAES
TOTAL IRON	Fe	ppm w/v	<b>8430</b>	Acid digestion, ICPAES
TOTAL MANGANESE	Mn	ppm w/v	<b>3040</b>	Acid digestion, ICPAES
TOTAL ZINC	Zn	ppm w/v	<b>971</b>	Acid digestion, ICPAES
TOTAL COPPER	Cu	ppm w/v	<b>298</b>	Acid digestion, ICPAES
TOTAL COBALT	Co	ppm w/v	<b>2.9</b>	Acid digestion, ICPAES
TOTAL BORON	B	ppm w/v	<b>15.3</b>	Acid digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm w/v	<b>3.82</b>	Acid digestion, ICPAES
pH <sup>1</sup>			<b>7.67</b>	Direct reading
Electrical Conductivity <sup>1</sup>		µS/cm	<b>1840</b>	Direct reading
TOTAL ORGANIC CARBON <sup>1</sup>	OC	% w/v	<b>2.83</b>	Method 6B3, LECO*
Chloride <sup>1</sup>	Cl	ppm w/v	<b>4.79</b>	Method 5A1, water extract*
TOTAL SELENIUM <sup>1</sup>	Se	ppm w/v	<b>1.14</b>	Acid digestion, ICPAES
TOTAL CADMIUM <sup>1</sup>	Cd	ppm w/v	<b>0.132</b>	Acid digestion, ICPAES
TOTAL MERCURY <sup>1</sup>	Hg	ppm w/v	<b>&lt;DL</b>	DL=0.00001 Acid digestion, ICPAES
TOTAL LEAD <sup>1</sup>	Pb	ppm w/v	<b>&lt;DL</b>	DL=0.0008 Acid digestion, ICPAES
TOTAL ARSENIC <sup>1</sup>	As	ppm w/v	<b>2.75</b>	Acid digestion, ICPAES
TOTAL NICKEL <sup>1</sup>	Ni	ppm w/v	<b>1.12</b>	Acid digestion, ICPAES
TOTAL CHROMIUM <sup>1</sup>	Cr	ppm w/v	<b>8.39</b>	Acid digestion, ICPAES
TOTAL ALUMINIUM <sup>1</sup>	Al	% w/w	<b>1.12</b>	Acid digestion, ICPAES
TOTAL SILICA <sup>3</sup>	Si	% w/w	<b>13.3</b>	Modified 13A1*

*w/v based on specific gravity provided by Dr David Wallis*

\* Rayment, G.E. &amp; Lyons, D.J. (2011). Soil Chemical Methods - Australasia. CSIRO Publishing, 150 Oxford Street, Collingwood Vic 3066, Australia

&lt; DL = Less than Detection Limit

ND = Not Detected

ASPAC Certified Laboratory.  
AQIS Approved Quarantine Site.