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Bill to: Bangkok Aqua Plus Co.,Ltd.
Report to: Bangkok Aqua Plus Co.,Ltd.
109/81 Sena Villa Ramindra Soi Prayasurand
Bangchan
Clongsamwa, Bangkok, Thailand
10510

Project ID:
Name:
Location:
P.O.: AP-RC023/01120
Acct. Code:
Phone: (662) 914-4491
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Lot ID: 68817

Date Received: Mar 16, 2007 08:36PM
Date Reported: Apr 10, 2007 10:53AM
Report Number: 112477

Attn: Witun Ruensuk
Sampled By:
Company:

Page: 1 of 4

IQAL Number: 68817-1
Sample Date: March 16, 2007 09:30AM
Sample Description: Drinking Water from Cosmo Balance Standard
Condition of Sample: contained in one 4-L plastic bottle, two 1-L amber glass bottles with NaOH preservation, one 1-L plastic bottle with 1+1 nitric acid preservation, one 150-mL glass bottle with bromine monochloride preservation and three sterilized glass bottles, refrigerated

Analyte	Units	Result	Detection Limit	Guideline Limit	Guideline Comments
Microbiological Testing					
Salmonella spp.	in 100 mL	Not Detected	-	Not Detected	Pass
Clostridium perfringens	in 100 mL	Not Detected	-	Not Detected	Pass
Staphylococcus aureus	in 100 mL	Not Detected	-	Not Detected	Pass
Coliforms	MPN/100 mL	<1.1	1.1	Less than 1.1	Pass
Escherichia coli	MPN/100 mL	Not Detected	1.1	Not Detected	Pass
Metals Testing					
Barium	mg/L	<0.30	0.30	0.7	Pass
Copper	mg/L	<0.05	0.05	1	Pass
Iron	mg/L	<0.10	0.10	0.3	Pass
Manganese	mg/L	<0.05	0.05	0.05	Pass
Zinc	mg/L	0.04	0.03	3	Pass
Cadmium	mg/L	<0.0001	0.0001	0.003	Pass
Chromium	mg/L	<0.002	0.002	0.05	Pass
Lead	mg/L	<0.002	0.002	0.01	Pass
Silver	mg/L	0.07	0.05	No Standard	n/a
Arsenic	mg/L	0.001	0.001	0.01	Pass
Selenium	mg/L	<0.001	0.001	0.01	Pass
Aluminium	mg/L	0.041	0.01	No Standard	n/a
Mercury	mg/L	<0.0001	0.0001	0.001	Pass
Water Testing					
Color	Color Unit	<5	5	5	Pass

Approved by: Chatchanal Komarakul Na Nakorn, B.Sc.
Section Manager

*The above results are valid only for the analyzed/tested sample(s) as indicated in this report.
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Analyte	Units	Result	Detection Limit	Guideline Limit	Guideline Comments	
Water Testing - Continued						
Cyanide	as CN	mg/L	<0.005	0.005	0.07	Pass
Total Hardness	as CaCO ₃	mg/L	100	1	100	Pass
Turbidity		NTU	0.35	0.10	5	Pass
pH at 25 °C			7.3	1.00	6.5-8.5	Pass
Sulfate		mg/L	30.9	0.5	200	Pass
Chloride	as Cl	mg/L	17.3	0.2	250	Pass
Fluoride	as F	mg/L	0.2	0.1	0.7	Pass
Nitrate	as N	mg/L	0.3	0.2	4	Pass
Odour		Odourless		-	Non Objectionable	n/a
Phenol		mg/L	<0.001	0.001	0.001	Pass
Total Solids		mg/L	169	5	No Standard	n/a
Alkyl Benzyl Sulfonate	as MBAS	mg/L	<0.025	0.025	0.2	Pass
Total Dissolved Solids	Dried at 180 °C	mg/L	165	5	500	Pass

Guideline: Notification of the Ministry of Industry No. 3470 (B.E. 2549)

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 Section Manager

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