




設置前

**Certificate of Analysis**

1314  
0867  
1229  
1510

Sample 2 Laboratory Number: 347652  
of 4 Report Number: BR/338626/2006 Issue 1

Sample Source: Cambridge Water Company  
Sample Point Description: Cambridgeshire Water Company  
Sample Description: 6TH FLOOR DOMESTIC HOT WATER *Royal Garden Hotel*




Sample Date: 10 April 2006 Sample Received: 10 April 2006 Analysis Complete: 18 April 2006

Test Description	Result	Unit	Limit	Accreditation	Method
Iron, Total as Fe	2790	ug/l	200	B	SBC44

Accreditation Codes: \* = Not UKAS accredited, B = Analysed at STL Bridgend, C = Analysed at STL Coventry, R = Analysed at STL Runcorn, L = Analysed at STL Midlands, S = Sub-contracted  
For Microbiological determinands 0 or ND = Not Detected, DET = Detected, For Legionella ND=Not detected in volume of sample filtered. IS = Insufficient sample

設置 25 日後

**Certificate of Analysis**

1314  
0867  
1229  
1510

Sample 2 Laboratory Number: 819035  
of 3 Report Number: BR/395109/2006 Issue 1

Sample Source: Cambridge Water Company  
Sample Point Description: Cambridgeshire Water Company  
Sample Description: ROYAL GARDEN HOTEL-10TH KITCHEN TOILET




Sample Date: 18 December 2006 Sample Received: 18 December 2006 Analysis Complete: 20 December 2006

Test Description	Result	Unit	Limit	Accreditation	Method
Iron, Total as Fe	16	ug/l	200	B	SBC44

Accreditation Codes: \* = Not UKAS accredited, B = Analysed at STL Bridgend, C = Analysed at STL Coventry, R = Analysed at STL Runcorn, L = Analysed at STL Midlands, S = Sub-contracted  
For Microbiological determinands 0 or ND = Not Detected, DET = Detected, For Legionella ND=Not detected in volume of sample filtered. IS = Insufficient sample

設置 36 日後

**Certificate of Analysis**

1314  
0867  
1229  
1510

Sample 8 Laboratory Number: 632177  
of 9 Report Number: BR/396964/2006 Issue 1

Sample Source: Cambridge Water Company  
Sample Point Description: Cambridgeshire Water Company  
Sample Description: RGH 10TH LOO KITCHEN

Sample Date: 29 December 2006 Sample Received: 29 December 2006 Analysis Complete: 05 January 2007

Test Description	Result	Unit	Limit	Accreditation	Method
Iron, Total as Fe	13	ug/l	200	B	SBC44

Accreditation Codes: \* = Not UKAS accredited, B = Analysed at STL Bridgend, C = Analysed at STL Coventry, R = Analysed at STL Runcorn, L = Analysed at STL Midlands, S = Sub-contracted  
For Microbiological determinands 0 or ND = Not Detected, DET = Detected, For Legionella ND=Not detected in volume of sample filtered. IS = Insufficient sample

ロイヤルガーデンホテル 3-3 (061123)

設置 14 年後

**BSRIA Chemistry Analysis**

Sample Date: 29.06.20  
Received Date: 29.06.20  
Date Completed: 01.07.20

Report Number: 9164  
Customer: Howlett Associates Water Treatment Ltd

Site: Royal Garden Hotel 12/1214/1

**Sample 1:**

**Main LTHW**

**Sample 2:**

**Qualitative Analysis**

Colour	Water white
Turbidity NTU's	0.38
pH	8.8
Conductivity / $\mu$ S	502
Refractive Index / % Sugar	0
Heavy Solids	n/d

**Qualitative Analysis**

Colour	
Turbidity NTU's	
pH	
Conductivity / $\mu$ S	
Refractive Index / % Sugar	
Heavy Solids	

**Quantitative Chemical Analysis**

**mg/L**

TDS / mg/L	356
Suspended Solids / mg/L	10
Total Hardness as CaCO <sub>3</sub>	49.1
M-alkalinity as CaCO <sub>3</sub>	166
Ammoniacal Nitrogen as N	3.6
Boron Dissolved	0.6
Chloride as Cl	45.9
Sulphur as SO <sub>4</sub>	39.1
Nitrite as NO <sub>2</sub>	0.0
Nitrate as NO <sub>3</sub>	32.1
Phosphorous, as P	0.0
Molybdenum, Dissolved	0.7
Molybdate, Dissolved	1.1
Silicon as Si	1.0
Sodium, Dissolved	87.6
Potassium, Dissolved	6.0
Magnesium, Dissolved	2.6
Calcium, Dissolved	15.4
Iron, Total	0.03
Iron, Dissolved	0.00
Copper, Dissolved	0.00
Zinc, Dissolved	0.00
Aluminium, Dissolved	0.25

**Quantitative Chemical Analysis**

**mg/L**

TDS / mg/L	
Suspended Solids / mg/L	
Total Hardness as CaCO <sub>3</sub>	
M-alkalinity as CaCO <sub>3</sub>	
Ammoniacal Nitrogen as N	
Boron Dissolved	
Chloride as Cl	
Sulphur as SO <sub>4</sub>	
Nitrite as NO <sub>2</sub>	
Nitrate as NO <sub>3</sub>	
Phosphorous, as P	
Molybdenum, Dissolved	
Molybdate, Dissolved	
Silicon as Si	
Sodium, Dissolved	
Potassium, Dissolved	
Magnesium, Dissolved	
Calcium, Dissolved	
Iron, Total	
Iron, Dissolved	
Copper, Dissolved	
Zinc, Dissolved	
Aluminium, Dissolved	

Ionic balance sample 1	0.96
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Ionic balance sample 2	
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QA sample 1	Pass
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QA sample 2	
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