

Jordan Water Company/ Miyahuna

Quality, Laboratories *and Water Safety* Department

Service Price List

No.	Test	Test Method	New Unit Price / JD
Materials/Products Tested: Water (Surface, Ground, Effluent & Distributed Water)			
PHYSICAL TESTS			
1	Color	SM 2120 B - Visual Comparison Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	8
		In-house method No.: CS 003	10
2	Turbidity (Lab)	SM 2130 B - Nephelometric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	4
3	Turbidity (Field Test)	SM 2130 B - Nephelometric Method for field tests Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	3
4	Odor	SM 2150 B - Threshold Odor Test - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	7
5	Total Alkalinity	SM 2320 B - Titration Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
6	Phenolphthalein Alkalinity	SM 2320 B - Titration Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
7	Total Hardness	SM 2340 C - EDTA Titrimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
8	Electrical Conductivity (Lab)	SM 2510 B - Laboratory Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	2.5
9	Electrical Conductivity (Field Test)	SM 2510 B - Laboratory Method for field tests Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	3
10	Total Dissolved Solids	SM 2540 C - Total Dissolved Solids Dried at 180 °C - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	12
11	Total Suspended Solids	SM 2540 D - Total Suspended Solids Dried at 103-105 °C - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	12
12	Total Solids	SM 2540 B - Total Solids Dried at 103-105 °C - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	12
13	Temperature (Lab and Field Test)	SM 2550 B - Laboratory and Field Methods - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	2
14	pH (Lab)	SM 4500 H+B - Electrometric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	2
15	pH (Field Test)	SM 4500 H+ B - Electrometric Method for field tests Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	3
DISSOLVED METALS			
16	Iron	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20

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17	Sodium	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
18	Strontium	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
19	Zinc	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
20	Potassium	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
21	Chromium	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
22	Cadmium	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
23	Cobalt	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
24	Copper	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
25	Copper	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
26	Manganese	SM 3111 B - Direct Air-Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
27	Manganese	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
28	Lead	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
29	Nickel	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
30	Arsenic	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
31	Silver	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25

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No.	Test	Test Method	New Unit Price / JD
32	Antimony	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
33	Selenium	SM 3114 C - Continuous Hydride Generation/Atomic Absorption Spectrometric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
		SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
34	Molybdenum	SM 3113 B - Electrothermal Atomic Absorption Spectrometric - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
35	Boron	In-house method No.: CS 041	15
36	Calcium Hardness	SM 3500-Ca B - EDTA Titrimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
37	Magnesium Hardness	SM 3500-Mg B - Calculation Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
INORGANIC			
38	Cyanide	In-house method No.: CS 036	30
39	Residual Chlorine (Lab)	SM 4500-Cl D - Amperometric Titration Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
40	Residual Chlorine (Field Test)	SM 4500-Cl G - DPD Colorimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	2
41	Combined Chlorine	SM 4500-Cl D - Amperometric Titration Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
42	Total Chlorine	SM 4500-Cl D - Amperometric Titration Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
43	Residual Chlorine (Lab)	In-house method No.: CS 033	2
44	Combined Chlorine	In-house method No.: CS 033	2
45	Total Chlorine	In-house method No.: CS 033	2
46	Chlorite ClO ₂ ⁻	In-house method No.: CS 044	10
		SM 4500-ClO ₂ E - Amperometric Method II - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10

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47	Chloride	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	11
		SM 4500-Cl ⁻ B - Argentometric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
48	Fluoride	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	11
		In-house method No.: CS 035	10
49	Ammonium-as NH ₄	In-house method No.: CS 031	15
		SM 4500-NH ₃ F - Phenate Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
50	Nitrite- as NO ₂	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	11
		In-house method No.: CS 040	10
51	Nitrate- as NO ₃	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	11
		SM 4500-NO ₃ B - Ultraviolet Spectrophotometric Screening Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
52	Dissolved Oxygen	SM 4500-O G - Membrane Electrode Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
53	Phosphate- as PO ₄	SM 4500-P D - Stannous Chloride Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
54	Sulfate- as SO ₄	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	11
		SM 4500-SO ₄ E - Turbidimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
55	Bromide	SM 4110 B- Ion chromatography with chemical suppression of eluent conductivity-Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	11
		SM 4500-Br B - Phenol Red Colometric Method & Operational Manual - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10

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ORGANIC			
56	TOC as NPOC	SM 5310 B - High-Temperature Combustion Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
		SM 5310 C - Persulfate Ultra violet oxidation Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
57	Trihalomethanes [Chloroform Dichlorobromomethan Dibromochloromethan Bromoform]	In-house method No.: CS 002	75
58	MBAS	In-house method No.: CS 016	20
		In-house method No.: CS 037	25
MICROBIOLOGICAL EXAMINATION			
59	Total Coliform	SM 9221 B - Standard Total Coliform Fermentation Technique - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
		SM 9223 B - Enzyme Substrate & Manufacturer Manual - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	35
		In-house method No.: MS 001	25
		SM 9223 B - Enzyme Substrate - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012 (Presence/Absence)	22
60	Escherichia Coli	SM 9223 B - Enzyme Substrate - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	35
		SM 9221 F - MTFT Escherichia Coli Procedure (EC- mUG Medium) - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	17
		SM 9223 B - Enzyme Substrate - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012 (Presence/Absence)	22
61	Fecal Coliform Direct Test (A-1 Medium)	SM 9221 E-2 - Fecal Coliform Direct Test (A-1 Medium) - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	18
62	Pseudomonas aeruginosa by MTFT	SM 9213F. Multiple-Tube Technique for Pseudomonas aeruginosa - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
63	Iron Bacteria	SM 9240 B - Iron Bacteria - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25

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BIOLOGICAL EXAMINATION			
64	Algae	SM 10200 F - Phytoplankton Counting Techniques - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
65	Nematode	In-house method No.: MS 014	20
66	Detection of Fungi	SM 9610 A - Detection of Fungi, 9610 B -Pour Plate and 9610 D - Membrane filter Technique - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25
67	Cryptosporidium	In-house method No.: MS 011	400
68	Giardia	In-house method No.: MS 011	
69	Amoeba	In-house method No.: MS 012	20
Materials/Products Tested: Waste Water (Wastewater Treatment Plants & Industrial Wastewater)			
PHYSICAL TESTS			
70	Turbidity	SM 2130 B - Nephelometric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012.	4
71	HCO ₃	SM 2320 B - Titration Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
72	Total Dissolved Solids	SM 2540 C - Total Dissolved Solids Dried at 180 oC - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	12
73	Total Suspended Solids	SM 2540 D - Total Suspended Solids Dried at 103-105 oC - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	12
74	Temperature (Lab)	SM 2550 B - Laboratory and Field Methods - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012.	2
75	Temperature (Field Test)	SM 2550 B - Laboratory and Field Methods - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	2
76	pH (Lab)	SM 4500 H ⁺ B - Electrometric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012.	2
77	pH (Field Test)	SM 4500 H ⁺ B - Electrometric Method for field tests - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	3
DISSOLVED METALS			
78	Aluminum	In-house method No.: CWS 012	10
79	Calcium Ion	SM 3500-Ca B - EDTA Titrimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10

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80	Magnesium Ion	SM 3500-Mg B - Calculation Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
81	Iron	SM 3111 B - Direct air Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
82	Sodium	SM 3111 B - Direct air Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
83	Manganese	SM 3111 B - Direct air Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20
84	Sodium Adsorption Ratio	SM 3111 B - Direct air Acetylene Flame Method, 3500-Mg B - Calculation Method and 3500-Ca B - EDTA Titrimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012.	33
85	Boron	In-house method No.: CWS 025	15
86	Total Zinc	SM 3111 B - Direct air Acetylene Flame Method - Standard Method for Examination of Water and Wastewater, 22nd Edition, 2012	20
INORGANIC			
87	Cyanide	In-house method No.: CWS 014	30
88	Total Chlorine	SM 4500-Cl G - DPD Colorimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	2
89	Residual Chlorine	SM 4500-Cl G - DPD Colorimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	2
90	Chloride	SM 4500-Cl- B - Argentometric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
91	Fluoride	In-house method No.: CWS 013	10
92	Ammonium-as NH ₄	In-house method No.: CWS 009	15
93	Nitrate- as NO ₃	Inhouse Method No.CWS 024	15
		SM 4500-NO3 B - Ultraviolet Spectrophotometric Screening Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
94	Dissolved Oxygen	SM 4500-O G / Membrane Electrode Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
		SM 4500-O C - Azide Modification Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10
95	Phosphate- as PO ₄	In-house method No.: CWS 011	10

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96	Sulfate- as SO ₄	SM 4500-SO4 E - Turbidimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	10	
97	COD	SM 5220 C- Closed Reflux, Titrimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25	
		In-house method No.: CWS 028	20	
98	Total Nitrogen	In-house method No.: CWS 023	20	
ORGANIC				
99	MBAS	In-house method No.: CWS 017	15	
100	BOD	SM 5210 B - 5-days BOD Test - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	28	
101	Oil & Grease	SM 5520 - Liquid , partition-Gravimetric Method - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	25	
MICROBIOLOGICAL EXAMINATION				
102	Total Coliform	SM 9221 B - Standard Total Coliform Fermentation Technique - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	20	
		SM 9223 B - Enzyme Substrate & Manufacturer Manual - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	35	
103	Escherichia Coli	SM 9221 F - MTFT Escherichia Coli Procedure (EC- mUG Medium) - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	17	
		SM 9223 B - Enzyme Substrate - Standard Method for Examination of Water and Wastewater, 22 nd Edition, 2012	35	
BIOLOGICAL EXAMINATION				
104	Helminthes Eggs	In-house method No.: MWS 001	45	
FIELD TRIPS & Sampling Services(Grab Samples)				
No.	Destination	No of Samples	Price(JD/Trip) vehicle	Price(JD/ Trip) Personnel
1	In side Amman	≤3	30	15
		>3	30	25
2	Out side Amman	≤3	50	30
		>3	50	50

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LABS DATA AND INFORMATION			
<u>آلية احتساب كلفة البيانات المخبرية :</u>			
1- يتم احتساب التكلفة الاجمالية الحقيقية للبيانات التراكمية وفقا لما هو وارد في قائمة أسعار التحاليل المعتمدة من شركة مياهنا			
2- يتم احتساب النسبة المئوية لغايات احتساب البيانات المخبرية وفقا للجدول ادناه			
3- التكلفة الاجمالية للبيانات التراكمية = التكلفة الحقيقية لاجور الفحوصات المخبرية x النسبة المئوية من الجدول			
NO.	FORMATION PERIC	% OF TOTAL PRICE	
1	من عام 2000 ولغاية تاريخه	20%	