



TEST REPORT

Send To:

Boon Mineral Water
Uskumrukoy Mah. Feslegen Sk.
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34450 Sarıyer, İstanbul,
Turkey

Facility:

Çamlıca Mahallesi,
İstiklal Caddesi, No:207
54300 Hendek, Sakarya,
Turkey

Result **PASS**

Report Date 15-MAY-2015

Customer Name Zenith Trade Company
Description Natural Mineral Water Annual Collection

Job Number 29107
Project Number 504/09582

General Information

Date and Time Sampled: 29 APR 2015
 Lot Number: 29 APR 2015 P001
 Product Description: Natural Mineral Water

Sample Id: **29107**
 Description: Natural Mineral Water
 Sampled Date: 29 APR 2015
 Received Date: 29 APR 2015

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
Physical Quality					
Alkalinity as CaCO3	5	106		mg/LCaCO3	
Color	5	ND	15	Color Unit	Pass
Specific Conductance	0.1	187.5		umhos/cm	
Corrosivity	0	0.18			
Hardness, Total	2	112		mg/LCaCO3	
Odor, Threshold	1	ND	3	TON	Pass
Solids Total Dissolved	5	97.2	500	mg/L	Pass
Turbidity	0.1	ND	5	NTU	Pass
pH	0.01	7.96			
Temperature	0	21		deg. C	
Bicarbonate	5	122		mg/L HCO3	
Disinfection Residuals/Disinfection By-Products					
Bromate	5	ND	10	ug/L	Pass
Chloramine, Total	0.05	ND	4	mg/L	Pass
Dichloramine	0.05	ND		mg/L	
Monochloramine	0.05	ND		mg/L	
Nitrogen trichloride	0.05	ND		mg/L	
Chlorite	10	ND	1000	ug/L	Pass
Chlorine Dioxide	0.1	ND	0.8	mg/L	Pass
Bromochloroacetic Acid	2	ND		ug/L	
Dibromoacetic Acid	1	ND		ug/L	
Dichloroacetic Acid	1	ND		ug/L	
Monobromoacetic Acid	1	ND		ug/L	
Monochloroacetic Acid	2	ND		ug/L	
Total Haloacetic Acid	1	ND	60	ug/L	Pass
Trichloroacetic Acid	1	ND		ug/L	
Chlorine, Total Residual	0.05	ND	4	mg/L	Pass
Radiologicals					
Uranium	0.001	ND	0.03	mg/L	Pass
Inorganic Chemicals					
Aluminum	0.01	ND	0.2	mg/L	Pass
Antimony	0.0005	ND	0.006	mg/L	Pass
Arsenic	0.002	ND	0.01	mg/L	Pass
* Asbestos in Water (Ref: EPA 600/4-83/043,100.1)-Bureau Veritas					
Amphibole Fibers	0.2	ND		MFL	
Chrysotile Fibers	0.2	ND		MFL	
Single Fiber Detection Limit	0.2	ND		MFL	
Barium	0.001	0.003	2	mg/L	Pass
Beryllium	0.0005	ND	0.004	mg/L	Pass
Bromide	10	ND		ug/L	

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
Inorganic Chemicals					
Cadmium	0.0002	ND	0.005	mg/L	Pass
Calcium	0.04	37.5		mg/L	
Chloride	2	1.07	250	mg/L	Pass
Chromium (includes Hexavalent Chromium)	0.001	ND	0.1	mg/L	Pass
Copper	0.001	ND	1	mg/L	Pass
Cyanide, Total	0.01	ND	0.2	mg/L	Pass
Fluoride	0.1	0.12	1.4	mg/L	Pass
Iron	0.02	ND	0.3	mg/L	Pass
Lead	0.001	ND	0.005	mg/L	Pass
Magnesium	0.04	1.7		mg/L	
Manganese	0.001	ND	0.05	mg/L	Pass
Mercury	0.0002	ND	0.002	mg/L	Pass
Nickel	0.001	ND	0.1	mg/L	Pass
Nitrogen, Nitrate	0.05	3.22	10	mg/L N	Pass
Nitrogen, Nitrite	0.025	ND	1	mg/L N	Pass
Total Nitrate + Nitrite-Nitrogen	0.02	3.22	10	mg/L	Pass
Potassium	0.5	0.3		mg/L	
Selenium	0.002	ND	0.05	mg/L	Pass
Silica		9.8		mg/L	
Silver	0.001	ND	0.1	mg/L	Pass
Sodium	0.5	2.6		mg/L	
Sulfate as SO4	2.5	5.37		mg/L	
Surfactants (MBAS)	0.2	ND		mg/L	
Thallium	0.0002	ND	0.002	mg/L	Pass
Phenolics	0.001	ND	0.001	mg/L	Pass
Zinc	0.01	0.01	5	mg/L	Pass
Organic Chemicals					
Diquat (Ref: EPA 549.2)					
Diquat	0.4	ND	20	ug/L	Pass
Endothall (Ref: EPA 548.1) - (ug/L)					
Endothall	9	ND	100	ug/L	Pass
Glyphosate (Ref: EPA 547)					
Glyphosate	6	ND	700	ug/L	Pass
Perchlorate (Ref: EPA 314.0)					
Perchlorate	1	ND		ug/L	
2,3,7,8-TCDD (Ref: EPA 1613B)					
2,3,7,8-Tetrachlorodibenzo-p-dioxin	10	ND	30	pg/L	Pass
Carbamate Pesticides (Ref: 531.2)					
3-Hydroxycarbofuran	1	ND		ug/L	
Aldicarb	1	ND		ug/L	
Aldicarb sulfone	1	ND		ug/L	
Aldicarb sulfoxide	1	ND		ug/L	
Carbaryl	1	ND		ug/L	
Carbofuran	1	ND	40	ug/L	Pass
Methomyl	1	ND		ug/L	
Oxamyl	1	ND	200	ug/L	Pass
Herbicides (Ref: EPA 515.3)					
2,4,5-TP	0.2	ND	50	ug/L	Pass
2,4-D	0.1	ND	70	ug/L	Pass
Bentazon	0.2	ND		ug/L	

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
Organic Chemicals					
Dalapon	1	ND	200	ug/L	Pass
DCPA Acid Metabolites	0.2	ND		ug/L	
Dicamba	0.1	ND		ug/L	
Dinoseb	0.2	ND	7	ug/L	Pass
Pentachlorophenol	0.04	ND	1	ug/L	Pass
Picloram	0.1	ND	500	ug/L	Pass
Semivolatile Organic Compounds (Ref: EPA 525.2)					
2,4 Dinitrotoluene	0.5	ND		ug/L	
2,6-Dinitrotoluene	0.5	ND		ug/L	
Alachlor	0.1	ND	2	ug/L	Pass
Aldrin	0.1	ND		ug/L	
Atrazine	0.2	ND	3	ug/L	Pass
Benzo(a)Pyrene	0.1	ND	0.2	ug/L	Pass
bis(2-Ethylhexyl)adipate	2	ND	400	ug/L	Pass
bis(2-Ethylhexyl)phthalate (DEHP)	2	ND	6	ug/L	Pass
Butachlor	0.2	ND		ug/L	
Butylbenzylphthalate	2	ND		ug/L	
Di-n-butylphthalate	2	ND		ug/L	
Dieldrin	0.5	ND		ug/L	
Diethylphthalate	2	ND		ug/L	
Dimethylphthalate	2	ND		ug/L	
Endrin	0.1	ND	2	ug/L	Pass
EPTC	0.5	ND		ug/L	
Heptachlor	0.1	ND	0.4	ug/L	Pass
Heptachlor Epoxide	0.1	ND	0.2	ug/L	Pass
Hexachlorobenzene	0.1	ND	1	ug/L	Pass
Hexachlorocyclopentadiene	0.1	ND	50	ug/L	Pass
Lindane	0.1	ND	0.2	ug/L	Pass
Methoxychlor	0.1	ND	40	ug/L	Pass
Metolachlor	0.1	ND		ug/L	
Metribuzin	0.1	ND		ug/L	
Molinate	0.1	ND		ug/L	
p,p'-DDE (4,4'-DDE)	0.5	ND		ug/L	
Propachlor	0.1	ND		ug/L	
Simazine	0.2	ND	4	ug/L	Pass
Terbacil	0.5	ND		ug/L	
Volatiles: EDB and DBCP (Ref: EPA 504.1)					
1,2-Dibromo-3-Chloropropane (DBCP)	0.01	ND	0.2	ug/L	Pass
Ethylene Dibromide (EDB)	0.01	ND	0.05	ug/L	Pass
Volatiles: Regulated and Monitoring VOC's (Ref: EPA 524.2)					
1,1,1,2-Tetrachloroethane	0.5	ND		ug/L	
1,1,1-Trichloroethane	0.5	ND	200	ug/L	Pass
1,1,1,2,2-Tetrachloroethane	0.5	ND		ug/L	
1,1,2-Trichloroethane	0.5	ND	5	ug/L	Pass
1,1-Dichloroethane	0.5	ND		ug/L	
1,1-Dichloroethylene	0.5	ND	7	ug/L	Pass
1,1-Dichloropropene	0.5	ND		ug/L	
1,2,3-Trichlorobenzene	0.5	ND		ug/L	
1,2,3-Trichloropropane	0.5	ND		ug/L	

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
Organic Chemicals					
1,2,3-Trimethylbenzene	0.5	ND		ug/L	
1,2,4-Trichlorobenzene	0.5	ND	70	ug/L	Pass
1,2,4-Trimethylbenzene	0.5	ND		ug/L	
1,2-Dichlorobenzene	0.5	ND	600	ug/L	Pass
1,2-Dichloroethane	0.5	ND	5	ug/L	Pass
1,2-Dichloropropane	0.5	ND	5	ug/L	Pass
1,3,5-Trimethylbenzene	0.5	ND		ug/L	
1,3-Dichlorobenzene	0.5	ND		ug/L	
1,3-Dichloropropane	0.5	ND		ug/L	
1,4-Dichlorobenzene	0.5	ND	75	ug/L	Pass
2,2-Dichloropropane	0.5	ND		ug/L	
2-Chlorotoluene	0.5	ND		ug/L	
4-Chlorotoluene	0.5	ND		ug/L	
Benzene	0.5	ND	5	ug/L	Pass
Bromobenzene	0.5	ND		ug/L	
Bromochloromethane	0.5	ND		ug/L	
Bromodichloromethane	0.5	ND		ug/L	
Bromoform	0.5	ND		ug/L	
Bromomethane	0.5	ND		ug/L	
Carbon Tetrachloride	0.5	ND	5	ug/L	Pass
Chlorobenzene	0.5	ND	100	ug/L	Pass
Chlorodibromomethane	0.5	ND		ug/L	
Chloroethane	0.5	ND		ug/L	
Chloroform	0.5	ND		ug/L	
Chloromethane	0.5	ND		ug/L	
cis-1,2-Dichloroethylene	0.5	ND	70	ug/L	Pass
cis-1,3-Dichloropropene	0.5	ND		ug/L	
Dibromomethane	0.5	ND		ug/L	
Dichlorodifluoromethane	0.5	ND		ug/L	
Ethyl Benzene	0.5	ND	700	ug/L	Pass
Hexachlorobutadiene	0.5	ND		ug/L	
Isopropylbenzene (Cumene)	0.5	ND		ug/L	
m+p-Xylenes	1	ND		ug/L	
Methyl Ethyl Ketone	5	ND		ug/L	
Methyl-tert-Butyl Ether (MTBE)	0.5	ND		ug/L	
Methylene Chloride	0.5	ND	5	ug/L	Pass
n-Butylbenzene	0.5	ND		ug/L	
n-Propylbenzene	0.5	ND		ug/L	
Naphthalene	0.5	ND		ug/L	
o-Xylene	0.5	ND		ug/L	
p-Isopropyltoluene (Cymene)	0.5	ND		ug/L	
sec-Butylbenzene	0.5	ND		ug/L	
Styrene	0.5	ND	100	ug/L	Pass
tert-Butylbenzene	0.5	ND		ug/L	
Tetrachloroethylene	0.5	ND	5	ug/L	Pass
Toluene	0.5	ND	1000	ug/L	Pass
Total Trihalomethanes	0.5	ND	80	ug/L	Pass
Total Xylenes	0.5	ND	10000	ug/L	Pass
trans-1,2-Dichloroethylene	0.5	ND	100	ug/L	Pass

Testing Parameter	Reporting Limit	Result	FDA SOQ	Units	P / F
Organic Chemicals					
trans-1,3-Dichloropropene	0.5	ND		ug/L	
Trichloroethylene	0.5	ND	5	ug/L	Pass
Trichlorofluoromethane	0.5	ND		ug/L	
Trichlorotrifluoroethane	0.5	ND		ug/L	
Vinyl Chloride	0.5	ND	2	ug/L	Pass
Chlorinated Pesticides and Organohalides by EPA 508.1					
Chlordane	0.1	ND	2	ug/L	Pass
Endrin	0.01	ND	2	ug/L	Pass
PCB 1016	0.1	ND	0.5	ug/L	Pass
PCB 1221	0.1	ND	0.5	ug/L	Pass
PCB 1232	0.1	ND	0.5	ug/L	Pass
PCB 1242	0.1	ND	0.5	ug/L	Pass
PCB 1248	0.1	ND	0.5	ug/L	Pass
PCB 1254	0.1	ND	0.5	ug/L	Pass
PCB 1260	0.1	ND	0.5	ug/L	Pass
Total PCBs	0.1	ND	0.5	ug/L	Pass
Toxaphene	0.1	ND	3	ug/L	Pass

ND: Not Detected