



NSF International

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TEST REPORT

Send To: 53390

Mr. David Meredith
The Parry Company Inc.
33630 Old U.S. Rt. 35
P.O. Box 125
Chillicothe, OH 45601

Facility: 53391

The Parry Company Inc.
33630 Old U.S. Rt. 35
P.O. Box 125
Chillicothe, OH 45601

Result PASS

Report Date 16-SEP-2011

Customer Name	The Parry Company Inc.
Tested To	NSF/ANSI 61
Description	Quartz Filter Sand sand 0.40 mm
Trade Designation	Quartz Filter Sand
Test Type	Annual Collection
Job Number	A-00104230
Project Number	9100667 (CLA, TEA)
Project Manager	Steven Cullen

Thank you for having your product tested by NSF International.

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

Report Authorization Clifton J. McEllan
Clifton McEllan - Director, Toxicology Services

Date 16-SEP-2011

General Information

Standard: NSF/ANSI 61
DCC Number: IA04917
Lot Number: 080211
Monitor Code: A
Physical Description of Sample: sand 0.40 mm
Trade Designation/Model Number: Quartz Filter Sand

Sample Id: **S-0000848409**
Description: Sample Exposed at Filtration Media Exposure
Sampled Date: 08/29/2011
Received Date: 08/09/2011

Normalization Information:

Date exposure completed: 29-AUG-2011 Calculated N1: 1.00 Field Exposure Time: 1 hours Lab Exposure Time: 1 hours
Calculated N2: 1.00 Calculated N4: 1.000
Constant N2: 1 Misc. Factor: 1

Field Media Weight: 625000 mg Lab Media Weight: 1266270 mg Calculated NFm: 0.987
Field Media Volume: 1 L Lab Media Volume: 2.00 L

Compound Reference Key: SPAC

Testing Parameter	Sample	Control	Result	Normalized Result	Units
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Chemistry Lab

* Gross Alpha and Beta Radioactivity in Drinking Water (Ref: EPA 900.0)

Testing Parameter	Sample	Control	Result	Normalized Result	Units
P1 Gross Alpha	3	ND(3)	ND(3)	ND(3)	pCi/L
P1 Gross Beta	ND(4)	ND(4)	ND(4)	ND(4)	pCi/L
Date Analyzed	02-SEP-2011				

Semivolatile Compounds, Base/Neutral/Acid 625 Scan, Data Workup

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Hexadecanoic acid	10	Complete	10	10	ug/L
Octadecanoic acid (Stearic)	10	Complete	10	10	ug/L

Note: [C2023/1]

Compounds reported are Tentatively Identified Compounds (TICs).

Semivolatile Compounds, Base/Neutral/Acid Target 625, Data Workup

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Pyridine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Nitrosodimethylamine (N-)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Nitrosomethylethylamine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Nitrosodiethylamine (N-)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
5-Methyl-2-hexanone (MIAK)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
1-Methoxy-2-propanol acetate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2-Heptanone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Cyclohexanone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Isobutylisobutyrate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Phenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Aniline	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2-Chlorophenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,3-Benzofuran	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
3-Cyclohexene-1-carbonitrile	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2-Ethylhexanol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Benzyl alcohol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L

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Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
2-Methylphenol (o-Cresol)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
4-Methylphenol (p-Cresol)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Methylaniline	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Nitrosopyrrolidine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Nitrosodi-n-propylamine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Acetophenone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Nitrosomorpholine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,6-Dimethylphenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Vinylpyrrolidinone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2-Phenyl-2-propanol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Nitrosopiperidine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Triethylphosphate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Isophorone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,4-Dimethylphenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Naphthalene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
1,1,3,3,-Tetramethyl-2-thiourea	ND(4)	ND(4)	ND(4)	ND(4)	ug/L
Benzothiazole	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Nitrosodi-n-butylamine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
p-tert-Butylphenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2-Ethylhexyl glycidyl ether	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,6-Di-t-butyl-4-methylphenol(BHT)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Methylnaphthalene, 2-	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
1(3H)-Isobenzofuranone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Benzyl alcohol, a,a-dimethyl-p-isopropyl-	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Cyclododecane	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,4,5-Trichlorophenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,4,6-trichlorophenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
1-Tetradecene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
1,1'-(1,3-Phenylene)bis ethanone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,6-Di-tert-butylphenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Dimethylphthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
1,1'-(1,4-Phenylene)bis ethanone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Benzenedimethanol, a,a,a',a'-tetramethyl-1,3-	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Acenaphthylene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Benzenedimethanol, a,a,a',a'-Tetramethyl-1,4-	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,4-Di-tert-butylphenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Dimethyl terephthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Acenaphthene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Dibenzofuran	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Ethyl-4-ethoxybenzoate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Cyclododecanone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
p-tert-Octylphenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Diethyl Phthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Fluorene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L

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Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
Nitrosodiphenylamine (N-)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Phenanthrene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Anthracene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Diisobutylphthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Dibutyl phthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Hydroxymethylphenylbenzotriazole	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Fluoranthene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Pyrene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Butyl benzyl phthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Benzo(a)anthracene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Di(2-ethylhexyl)phthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Di(2-ethylhexyl)adipate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
3,3-Dichlorobenzidine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Chrysene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Di-n-octylphthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Benzo(b)fluoranthene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Benzo(k)fluoranthene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Benzo(a)Pyrene (PAH)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Dibenzo(a,h)anthracene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Indeno(1,2,3-cd)pyrene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Benzo(g,h,i)perylene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Aluminum in Drinking Water by ICPMS (Ref: EPA 200.8)					
Aluminum	21	ND(10)	21	20	ug/L
Total Arsenic in Drinking Water by ICPMS (Ref: EPA 200.8)					
Arsenic	ND(1)	ND(1)	ND(1)	ND(1)	ug/L
Barium in Drinking Water by ICPMS (Ref: EPA 200.8)					
Barium	3	2	2	2	ug/L
Beryllium in Drinking Water by ICPMS (Ref: EPA 200.8)					
Beryllium	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ug/L
Bismuth in Drinking Water by ICPMS (Ref: EPA 200.8)					
Bismuth	ND(1)	ND(1)	ND(1)	ND(1)	ug/L
Cadmium in Drinking Water by ICPMS (Ref: EPA 200.8)					
Cadmium	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ug/L
Chromium in Drinking Water by ICPMS (Ref: EPA 200.8)					
Chromium	ND(1)	ND(1)	ND(1)	ND(1)	ug/L
Copper in Drinking Water by ICPMS (Ref: EPA 200.8)					
Copper	ND(1)	ND(1)	ND(1)	ND(1)	ug/L
Mercury in Drinking Water by ICPMS (Ref: EPA 200.8)					
Mercury	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ug/L
Nickel in Drinking Water by ICPMS (Ref: EPA 200.8)					
Nickel	ND(1)	ND(1)	ND(1)	ND(1)	ug/L
Lead in Drinking Water by ICPMS (Ref: EPA 200.8)					
Lead	ND(1)	ND(1)	ND(1)	ND(1)	ug/L
Antimony in Drinking Water by ICPMS (Ref: EPA 200.8)					

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Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
Antimony	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ug/L
Selenium in Drinking Water by ICPMS (Ref: EPA 200.8)					
Selenium	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Tin in Drinking Water by ICPMS (Ref: EPA 200.8)					
Tin	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ug/L
Strontium in Drinking Water by ICPMS (Ref: EPA 200.8)					
Strontium	2	ND(1)	2	2	ug/L
Thallium in Drinking Water by ICPMS (Ref: EPA 200.8)					
Thallium	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ug/L
Zinc in Drinking Water by ICPMS (Ref: EPA 200.8)					
Zinc	14	16	ND(10)	ND(10)	ug/L
Silver in Water by ICPMS (Ref: EPA 200.8)					
Silver	ND(1)	ND(1)	ND(1)	ND(1)	ug/L

Testing Laboratories:

All work performed at: →

<u>Id</u>	<u>Address</u>
NSF_AA	NSF International 789 N. Dixboro Road Ann Arbor MI 48105

References to Testing Procedures:

<u>NSF Reference</u>	<u>Parameter / Test Description</u>
C0842	* Gross Alpha and Beta Radioactivity in Drinking Water (Ref: EPA 900.0)
C2023	Semivolatile Compounds, Base/Neutral/Acid 625 Scan, Data Workup
C2024	Semivolatile Compounds, Base/Neutral/Acid Target 625, Data Workup
C3032	Aluminum in Drinking Water by ICPMS (Ref: EPA 200.8)
C3035	Total Arsenic in Drinking Water by ICPMS (Ref: EPA 200.8)
C3038	Barium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3041	Beryllium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3043	Bismuth in Drinking Water by ICPMS (Ref: EPA 200.8)
C3046	Cadmium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3052	Chromium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3058	Copper in Drinking Water by ICPMS (Ref: EPA 200.8)
C3071	Mercury in Drinking Water by ICPMS (Ref: EPA 200.8)
C3095	Nickel in Drinking Water by ICPMS (Ref: EPA 200.8)
C3100	Lead in Drinking Water by ICPMS (Ref: EPA 200.8)
C3113	Antimony in Drinking Water by ICPMS (Ref: EPA 200.8)
C3115	Selenium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3121	Tin in Drinking Water by ICPMS (Ref: EPA 200.8)
C3122	Strontium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3127	Thallium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3135	Zinc in Drinking Water by ICPMS (Ref: EPA 200.8)
C6430	Silver in Water by ICPMS (Ref: EPA 200.8)

Test descriptions preceded by an asterisk "*" indicate that testing has been performed per NSF International requirements but is not within its scope of accreditation.