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EVALUATION REPORT

Send To: C0050759

Mr. Abdullah Al-Ahaideb
Saudi Arabian Basic Corporation (SABIC)
P.O. Box 5101
Riyadh 11422
Saudi Arabia

Facility: C0463565

SAUDI KAYAN PETROCHEMICAL COMPANY
AL-JUBAIL INDUSTRIAL
Saudi Arabia

Result	PASS	Report Date	27-MAR-2019
Customer Name	Saudi Arabian Basic Corporation (SABIC)		
Tested To	NSF/ANSI 61		
Description	P6006AD PE material		
Trade Designation	P6006AD		
Test Type	Qualification		
Job Number	J-00326490		
Project Number	W0548108		
Project Manager	Javier Marin		

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

Mark Mapili - Technical Operations Manager, Water

Date

27-MAR-2019



General Information

Standard: NSF/ANSI 61

Parent DCC Number: PL06748

Physical Description of Sample: PE material

Test Description: Chemical Extraction

Tested DCC Number: PL06748

Trade Designation/Model Number: P6006AD

Sample Id: **S-0001572791**
 Description: PE material
 Sampled Date: 02/12/2019
 Received Date: 02/12/2019

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Engineering Lab					
* Supply information about sample manufacture from compound.					
Method of Manufacture (Inj/Mill/Compr)	Compression Molded				
Number of compression molded sheets	4		4		sheets
Performance Criteria	COMPLETE				

Sample Id: **S-0001572792**
 Description: Sample exposed at 60C and pH 8
 Sampled Date: 03/14/2019
 Received Date: 02/12/2019

Normalization Information:

Date exposure completed:	14-MAR-2019	Calculated N1:	0.91	Field Exposure Time:	16 hours	Lab Exposure Time:	16.50 hours
Field Surface Area:	500 in2	Lab Surface Area:	485.2 in2	Constant N2:	1	Misc. Factor:	1
Field Static Volume:	1 L	Lab Static Volume:	0.880 L	Calculated NFm:	1.00		
Compound Reference Key:	TAC						

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab					
Metals I in water by ICPMS (Ref: EPA 200.8)					
Aluminum	ND(10)	ND(10)	ND(10)	ND(8.8)	ug/L
Arsenic	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
Barium	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
Beryllium	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Bismuth	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
Cadmium	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ug/L
Chromium	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
Copper	1	3	ND(1)	ND(0.9)	ug/L
Mercury	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ug/L
Nickel	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
Lead	ND(0.5)	0.8	ND(0.5)	ND(0.4)	ug/L
Antimony	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Selenium	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L



Sample Id: S-0001572792

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
Tin	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Strontium	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
Thallium	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ug/L
Zinc	ND(10)	ND(10)	ND(10)	ND(8.8)	ug/L
Silver	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
BASE/NEUTRAL/ACID EPA METHOD 625 Scan for Tentatively Identified Compound					
Di(t-butyl) oxaspirodecadienedione	8	Complete	8	7	ug/L
Hexadecanoic acid	9	Complete	9	8	ug/L
Scan Control Complete	TRUE				
Semivolatile Compounds, Base/Neutral/Acid Target 625, Data Workup					
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
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
Nitrosodiethylamine (N-)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Isobutylisobutyrate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Aniline	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Phenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Di(chloroethyl) ether	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
1,3-Dichlorobenzene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
1,4-Dichlorobenzene	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	3	3	ND(2)	ND(2)	ug/L
Benzyl alcohol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
1,2-Dichlorobenzene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
bis(2-Chloroisopropyl)ether	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2-Methylphenol (o-Cresol)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Methylaniline	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Acetophenone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Nitrosodi-n-propylamine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
N-Nitrosopyrrolidine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
3- and 4-Methylphenol (m&p-Cresol)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Hexachloroethane	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-Nitrosomorpholine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Nitrobenzene	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
N-Nitrosopiperidine	ND(2)	ND(2)	ND(2)	ND(2)	ug/L



Sample Id: S-0001572792

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
Triethylphosphate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Isophorone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2-Nitrophenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,4-Dimethylphenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
bis(2-Chloroethoxy)methane	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,4-Dichlorophenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Trichlorobenzene (1,2,4-)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Naphthalene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
4-Chloroaniline	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
Hexachlorobutadiene	ND(2)	ND(2)	ND(2)	ND(2)	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
4-Chloro-3-methylphenol	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
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(3H)-Isobenzofuranone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2-Chloronaphthalene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2-Nitroaniline	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
Acenaphthylene	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
2,6-Dinitrotoluene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
2,4-Dinitrotoluene	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
4-Nitrophenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Cyclododecanone	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Diethyl Phthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
p-tert-Octylphenol	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Fluorene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
4-Chlorophenylphenylether	ND(2)	ND(2)	ND(2)	ND(2)	ug/L



Sample Id: S-0001572792

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
3-Nitroaniline	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
4-Nitroaniline	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Nitrosodiphenylamine (N-)	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Azobenzene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
4-Bromophenylphenylether	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Hexachlorobenzene	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Pentachlorophenol	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
Diisobutyl phthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Dibutyl phthalate	ND(2)	ND(2)	ND(2)	ND(2)	ug/L
Diphenyl sulfone	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
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
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
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
Volatile Organic Compounds (Ref: EPA 524.2)					
Dichlorodifluoromethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Chloromethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Vinyl Chloride	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Bromomethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Chloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Trichlorofluoromethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Trichlorotrifluoroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Methylene Chloride	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1-Dichloroethylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
trans-1,2-Dichloroethylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1-Dichloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
2,2-Dichloropropane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
cis-1,2-Dichloroethylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Chloroform	1.3	0.6	0.7	0.59	ug/L
Bromochloromethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L



Sample Id: S-0001572792

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
1,1,1-Trichloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1-Dichloropropene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Carbon Tetrachloride	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2-Dichloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Trichloroethylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2-Dichloropropane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Bromodichloromethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Dibromomethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
cis-1,3-Dichloropropene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
trans-1,3-Dichloropropene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1,2-Trichloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,3-Dichloropropane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Tetrachloroethylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Chlorodibromomethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Chlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1,1,2-Tetrachloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Bromoform	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1,1,2,2-Tetrachloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2,3-Trichloropropane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,3-Dichlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,4-Dichlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2-Dichlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Carbon Disulfide	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
Methyl-tert-Butyl Ether (MTBE)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
tert-Butyl ethyl ether	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Methyl Ethyl Ketone	ND(5)	ND(5)	ND(5)	ND(4)	ug/L
Methyl Isobutyl Ketone	ND(5)	ND(5)	ND(5)	ND(4)	ug/L
Toluene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Ethyl Benzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
m+p-Xylenes	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
o-Xylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Styrene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Isopropylbenzene (Cumene)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
n-Propylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Bromobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
2-Chlorotoluene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
4-Chlorotoluene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,3,5-Trimethylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
tert-Butylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2,4-Trimethylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
sec-Butylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
p-Isopropyltoluene (Cymene)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2,3-Trimethylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
n-Butylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L

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Sample Id: **S-0001572792**

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
1,2,4-Trichlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Hexachlorobutadiene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2,3-Trichlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Naphthalene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Benzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Total Trihalomethanes	1.3	0.6	0.7	0.59	ug/L
Total Xylenes	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L

Sample Id: **S-0001572793**
 Description: Sample exposed at 23C and pH 8
 Sampled Date: 03/14/2019
 Received Date: 02/12/2019

Normalization Information:							
Date exposure completed:	14-MAR-2019	Calculated N1:	0.87	Field Exposure Time:	16 hours	Lab Exposure Time	16 hours
Field Surface Area:	500 in2	Lab Surface Area:	242.6 in2	Constant N2:	1	Misc. Factor:	1
Field Static Volume:	1 L	Lab Static Volume:	0.420 L	Calculated NFm:	1.00		
Compound Reference Key: TAC							

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab					
Volatile Organic Compounds (Ref: EPA 524.2)					
Dichlorodifluoromethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Chloromethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Vinyl Chloride	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Bromomethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Chloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Trichlorofluoromethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Trichlorotrifluoroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Methylene Chloride	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1-Dichloroethylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
trans-1,2-Dichloroethylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1-Dichloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
2,2-Dichloropropane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
cis-1,2-Dichloroethylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Chloroform	0.9	ND(0.5)	0.9	0.8	ug/L
Bromochloromethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1,1-Trichloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1-Dichloropropene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Carbon Tetrachloride	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2-Dichloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Trichloroethylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L



Sample Id: S-0001572793

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
1,2-Dichloropropane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Bromodichloromethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Dibromomethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
cis-1,3-Dichloropropene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
trans-1,3-Dichloropropene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1,2-Trichloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,3-Dichloropropane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Tetrachloroethylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Chlorodibromomethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Chlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1,1,2-Tetrachloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Bromoform	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,1,1,2-Tetrachloroethane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2,3-Trichloropropane	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,3-Dichlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,4-Dichlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2-Dichlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Carbon Disulfide	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
Methyl-tert-Butyl Ether (MTBE)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
tert-Butyl ethyl ether	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Methyl Ethyl Ketone	ND(5)	ND(5)	ND(5)	ND(4)	ug/L
Methyl Isobutyl Ketone	ND(5)	ND(5)	ND(5)	ND(4)	ug/L
Toluene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Ethyl Benzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
m+p-Xylenes	ND(1)	ND(1)	ND(1)	ND(0.9)	ug/L
o-Xylene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Styrene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Isopropylbenzene (Cumene)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
n-Propylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Bromobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
2-Chlorotoluene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
4-Chlorotoluene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,3,5-Trimethylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
tert-Butylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2,4-Trimethylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
sec-Butylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
p-Isopropyltoluene (Cymene)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2,3-Trimethylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
n-Butylbenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2,4-Trichlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Hexachlorobutadiene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
1,2,3-Trichlorobenzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Naphthalene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L
Benzene	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L



Sample Id: **S-0001572793**

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
Total Trihalomethanes	0.9	ND(0.5)	0.9	0.8	ug/L
Total Xylenes	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.4)	ug/L

Sample Id: **S-0001572795**

Description: P6006AD | PE material

Sampled Date: 02/12/2019

Received Date: 02/12/2019

Normalization Information:

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab					
Material Screening for Lead by XRF					
Lead content verification	Pass				



Job Notes:

Testing performed using pH 8 Cl water under NSF Deviation # 2018-027.



Testing Laboratories:

All work performed at: —————▶

Id	Address
NSF_AA	NSF International 789 N. Dixboro Road Ann Arbor MI 48105

References to Testing Procedures:

NSF Reference	Parameter / Test Description
C0513	Material Screening for Lead by XRF
C1182	Metals I in water by ICPMS (Ref: EPA 200.8)
C2023	BASE/NEUTRAL/ACID EPA METHOD 625 Scan for Tentatively Identified Compounds (TICs)
C2024	Semivolatile Compounds, Base/Neutral/Acid Target 625, Data Workup
C4662	Volatile Organic Compounds (Ref: EPA 524.2)
P0040	* Supply information about sample manufacture from compound.

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