

Test report

T-24099269-06-R1



Verify Report

Overall result

Pass

Please refer to the following pages for test result summary and notes.

Client information

Client: Jamie Kay Group
Address: 148 Victoria street
New Zealand 8013, Christchurch



Sample information

Description: Nappies
Country of origin: -
Country of distribution: -
Quantity submitted: 2 packs
Labeled age grade: -
Tested age grade: -

General information

Sample receipt date: 07-Aug-2024
Testing period: 08-Aug-2024 to 09-Aug-2024
09-Aug-2024 to 15-Aug-2024
Report date: 15-Aug-2024

QIMA Hansecontrol Testing Service (Dongguan) Co. Ltd.

Sikin Wang Xi Jian
Organic & Inorganic Leader, Chemical Laboratory



Verify Report



Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
US States Requirement, Per-and Polyfluoroalkyl Substances (PFAS) Content	Pass



Verify Report



Detailed results

US States Requirement, Per-and Polyfluoroalkyl Substances (PFAS) Content

Test Method: With reference to EN ISO 23702-1:2023, PD CEN/TS 15968:2010
 Analytical Method: Liquid Chromatography with Mass Spectrometry Mass Spectrometry (LC-MS-MS),
 Gas Chromatography with Mass Spectrometry (GC-MS)

Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds

Specimen No.	1	2	3	4	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Perfluorooctanoic acid (PFOA), its salts*	ND	ND	ND	ND	ND
PFOA-related compounds*	ND	ND	ND	ND	ND
Conclusion	Pass	Pass	Pass	Pass	

Specimen No.	5	6	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Perfluorooctanoic acid (PFOA), its salts*	ND	ND	---	---	ND
PFOA-related compounds*	ND	ND	---	---	ND
Conclusion	Pass	Pass	---	---	

Perfluorooctane sulfonate (PFOS) and its derivatives

Specimen No.	1	2	3	4	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Perfluorooctane sulfonate (PFOS) and its derivatives*	ND	ND	ND	ND	ND
Conclusion	Pass	Pass	Pass	Pass	

Specimen No.	5	6	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Perfluorooctane sulfonate (PFOS) and its derivatives*	ND	ND	---	---	ND
Conclusion	Pass	Pass	---	---	





Detailed results

C9-C14 PFCAs, its salts and C9-C14 PFCAs related compounds

Specimen No.	1	2	3	4	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
C9-C14 PFCAs acid and its salts*	ND	ND	ND	ND	ND
C9-C14 PFCAs related compounds *	ND	ND	ND	ND	ND
Conclusion	Pass	Pass	Pass	Pass	

Specimen No.	5	6	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
C9-C14 PFCAs acid and its salts*	ND	ND	---	---	ND
C9-C14 PFCAs related compounds *	ND	ND	---	---	ND
Conclusion	Pass	Pass	---	---	

Perfluorohexane sulfonic acid (PFHxS) and its salts and PFHxS-related compounds

Specimen No.	1	2	3	4	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Perfluorohexane sulfonic acid (PFHxS), its salts*	ND	ND	ND	ND	ND
PFHxS-related compounds*	ND	ND	ND	ND	ND
Conclusion	Pass	Pass	Pass	Pass	

Specimen No.	5	6	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Perfluorohexane sulfonic acid (PFHxS), its salts*	ND	ND	---	---	ND
PFHxS-related compounds*	ND	ND	---	---	ND
Conclusion	Pass	Pass	---	---	





Detailed results

Perfluorohexanoic acid (PFHxA) and its salts and PFHxA-related compounds

Specimen No.	1	2	3	4	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Perfluorohexanoic acid (PFHxA) and its salts *	ND	ND	ND	ND	ND
PFHxA-related compounds *	ND	ND	ND	ND	ND
Conclusion	Pass	Pass	Pass	Pass	

Specimen No.	5	6	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Perfluorohexanoic acid (PFHxA) and its salts *	ND	ND	---	---	ND
PFHxA-related compounds *	ND	ND	---	---	ND
Conclusion	Pass	Pass	---	---	

Others per- and polyfluoroalkyl substances (PFAS)

Specimen No.	1	2	3	4	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Others per- and polyfluoroalkyl substances (PFAS)*	ND	ND	ND	ND	ND
Conclusion	Pass	Pass	Pass	Pass	

Specimen No.	5	6	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Others per- and polyfluoroalkyl substances (PFAS)*	ND	ND	---	---	ND
Conclusion	Pass	Pass	---	---	

*Refer to List of Per-and Polyfluoroalkyl Substances (PFAS)

Note:
 mg/kg (Milligrams per kilogram) = ppm (Parts per million)
 LT = Less than
 ND = Not Detected. Result value is less than reporting limit (RL: PFOA = 0.025 mg/kg; PFOA-related compounds = 1 mg/kg; PFOS = 1 mg/kg; C9-C14 PFCA acid and its salts = 0.025 mg/kg; C9-C14 PFCA related compounds = 0.1 mg/kg; PFHxS = 0.025 mg/kg; PFHxS-related compounds = 1 mg/kg ; PFHxA = 0.025 mg/kg; PFHxA -related compounds = 1 mg/kg others PFAS = 1 mg/kg).





Detailed results

List of Per-and Polyfluoroalkyl Substances (PFAS)

Per-and Polyfluoroalkyl Substances (PFAS) Content		
Chemical Substance	Abbreviation	CAS No.
Perfluorooctanoic acid (PFOA), its salts		
Perfluorooctanoic acid	PFOA	335-67-1
Perfluorooctanoyl fluoride	PFOA-F	335-66-0
Silver perfluorooctanoate	PFOA-Ag	335-93-3
Sodium perfluorooctanoate	PFOA-Na	335-95-5
Potassium perfluorooctanoate	PFOA-K	2395-00-8
Ammonium pentadecafluorooctanoate	APFO	3825-26-1
PFOA-related compounds		
1H,1H,2H,2H-perfluoro-1-decanol	8:2 FTOH	678-39-7
1H,1H,2H,2H-Perfluorodecyl methacrylate	8:2 FTMA	1996-88-9
1H,1H,2H,2H-perfluorodecylacrylate	8:2 FTAC	27905-45-9
1H,1H,2H,2H-Perfluoro-1-decanol	8:2 FTS	39108-34-4
Perfluorooctane sulfonate (PFOS) and its derivatives		
Perfluorooctane sulfonic acid	PFOS	1763-23-1
Perfluorooctane sulfonfluoride	PFOSF/POSF	307-35-7
Perfluorooctane sulfonamide	PFOSA	754-91-6
N-Ethyl perfluorooctane sulfonamide ethanol	N-Et-FOSE	1691-99-2
Perfluorooctanesulfonic acid, potassium salt	PFOS-K	2795-39-3
N-Ethyl perfluorooctane sulfonamide	N-Et-FOSA	4151-50-2
N-Methyl perfluorooctane sulfonamide ethanol	N-Me-FOSE	24448-09-7
Perfluorooctanesulfonic acid, lithium salt	PFOS-Li	29457-72-5
Perfluorooctanesulfonic acid, ammonium	PFOS-NH ₄	29081-56-9
N-Methyl perfluorooctane sulfonamide	N-Me-FOSA	31506-32-8
Perfluorooctanesulfonic acid, tetraethylammonium salt	PFOS-N(C ₂ H ₅) ₄) ₂	56773-42-3
Perfluorooctane sulfonate, diethanolamine salt	PFOS-NH(OH) ₂	70225-14-8
Didecylidimethylammonium perfluorooctane sulfonate	PFOS-N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂	251099-16-8
Perfluorooctanesulfonate Sodium	PFOS-Na	4021-47-0
C9-C14 PFCAs acid and its salts		
Perfluorononanoic acid	PFNA	375-95-1
Perfluorodecanoic acid	PFDA	335-76-2
Perfluoroundecanoic acid	PFUnDA	2058-94-8
Perfluorododecanoic acid	PFDoDA	307-55-1
Perfluorotridecanoic acid	PFTrDA	72629-94-8
Perfluorotetradecanoic acid	PFTeDA	376-06-7
Sodium perfluorononanoate	PFNA-Na	21049-39-8
Ammonium perfluorononanoate	PFNA-NH ₄	4149-60-4
Sodium Perfluorodecanoate	PFDA-Na	3830-45-3
Ammonium perfluorodecanoate	PFDA-NH ₄	3108-42-7
Ammonium tricosafuorododecanoate	PFDoDA-NH ₄	3793-74-6
Perfluoro-3,7-dimethyloctanoic acid	PF-3,7-DMOA	172155-07-6
C9-C14 PFCAs related compounds		
2H,2H,3H,3H-Perfluoroundecanoic Acid	H4PFUnA	34598-33-9
2-(Perfluorodecyl)ethyl methacrylate	10:2 FTMA	2144-54-9
1H,1H,2H,2H-perfluoro-1-dodecanol	10:2 FTOH	865-86-1





Per-and Polyfluoroalkyl Substances (PFAS) Content		
Chemical Substance	Abbreviation	CAS No.
1H,1H,2H,2H- perfluorododecylacrylate	10:2FTA	17741-60-5
1H,1H,2H,2H-Perfluorododecanesulfonic acid	10:2 FTS	120226-60-0
1H,1H,2H,2H-Perfluorododecyl iodide	10:2 FTI	2043-54-1
1H,1H,2H,2H-Perfluorotetradecan-1-ol	12:2 FTOH	39239-77-5
1H,1H,2H,2H-Perfluorotetradodecyl iodide	12:2 FTI	30046-31-2
Perfluorodecanesulfonic acid	PFDS	335-77-3 / 126105-34-8
Perfluorodecane sulfonic Na-salt	PFDS-Na	2806-15-7
Perfluorodecane sulfonic K-salt	PFDS-K	2806-16-8
Perfluorodecane sulfonic - NH4 salt	PFDS-NH4	67906-42-7
Perfluorohexane sulfonic acid (PFHxS), its salts		
Perfluorohexane Sulfonic acid	PFHxS	355-46-4
Perfluorohexane Sulfonic acid, potassium salt	PFHxS-K	3871-99-6
Perfluorohexane Sulfonic acid, lithium salt	PFHxS-Li	55120-77-9
Perfluorohexane Sulfonic acid, ammonium salt	PFHxS-NH4	68259-08-5
Perfluorohexane Sulfonic acid, sodium salt	PFHxS-Na	82382-12-5
PFHxS-related compounds		
N-Methylperfluoro-1-hexanesulfonamide	N-Me-FHxSA	68259-15-4
Perfluorohexane sulfonamide	PFHxSA	41997-13-1
Perfluorohexanoic acid (PFHxA), its salts		
Perfluorohexanoic acid and salts	PFHxA	307-24-4
Ammonium perfluorohexanoate	(PFHxA-NH ₄)	21615-47-4
PFHxA-related compounds		
1H,1H,2H,2H-Perfluorooctane sulfonic acid and salts	6:2 FTS	27619-97-2
1H,1H,2H,2H-perfluoro-1-octanol	6:2 FTOH	647-42-7
1H,1H,2H,2H-perfluorooctylacrylate	6:2 FTA	17527-29-6
Others per- and polyfluoroalkyl substances (PFAS)		
Perfluoroheptanoic acid	PFHpA	375-85-9
Perfluoropentanoic acid	PFPeA	2706-90-3
7H-Perfluoroheptaonic acid	7HPFHpA	1546-95-8
Perfluorobutanoic acid	PFBA	375-22-4
Perfluorobutanesulfonic acid	PFBS	375-73-5/ 59933-66-3
Perfluorobutane sulfonate K-salt	PFBS-K	29420-49-3
Perfluoroheptane sulfonic acid	PFHpS	375-92-8
Perfluoroheptane sulfonic acid Na-salt	PFHpS-Na	68555-66-8
Perfluoroheptane sulfonic acid K-salt	PFHpS-K	60270-55-5
Perfluorooctane iodide	PFOI	507-63-1
1H,1H,2H,2H-perfluoro-1-hexanol	4:2 FTOH	2043-47-2
1H,1H,2H,2H-Perfluorohexanesulfonic acid	4:2 FTS	757124-72-4
Perfluorooctadecanoic acid	PFODA	16517-11-6





Specimen description

Specimen #	Specimen description	Location
1	White non-woven fabric	Shell
2	White non-woven fabric	Lining
3	White plastic	Velcro hook
4	White plastic	Velcro loop
5	Grey black printed white soft plastic	Film
6	White fiber	Filler



Verify Report



Pictures

Sample photo:



End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA Hansecontrol Testing Service (Dongguan) Co. Ltd..



Verify Report