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FINAL REPORT

Report ID : 290572

Report Information

Submitting Organisation : 00109376 : HANSEN PRODUCTS (NZ) LIMITED
Account : 130354 : Hansen Products (NZ) Limited - AS/NZS 4020 Testing
AWQC Reference : 130354-2020-CSR-1 : Prod Test: Hansen Tapping Saddle
Project Reference : PT-4215
Product Designation : HTS2532 Tapping Saddle (25mm Representative Size)
Composition of Product : Nylon - Durathan BG30 x H20 DUS45 90/510 (Lanxess) & Santoprene 201-55 (Fxa Mobil).
Product Manufacturer : Hansen Products (NZ) Ltd., Whangarei, NEW ZEALAND.
Use of Product : In-Line/Tapping Saddle.
Sample Selection: As provided by the submitting organisation.
Testing Requested : **AS/NZS 4020 TESTING OF PRODUCTS FOR USE IN CONTACT WITH DRINKING WATER**
Product Type : Composite
Samples : Samples were prepared and controlled as described in Appendix A of AS/NZS 4020:2018
Extracts : Extracts were prepared as described in Appendix/Clause C, D, E, F, G, H, 6.8.
Project Completion Date : 02-Sep-2020
Project Comment : The results presented herein demonstrate compliance of HTS2532 Tapping Saddle (25mm Representative Size) to AS/NZS 4020 when tested at the 'in-the-product' exposure with a 0.01 scaling factor at 20°C ± 2°C. Product range to include 25mm to 63mm.

PLEASE NOTE THAT THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL

THE RESULTS STATED IN THIS REPORT RELATE TO THE SAMPLE OF THE PRODUCT SUBMITTED FOR TESTING. ANY CHANGES IN THE MATERIAL FORMULATION, PROCESS OF MANUFACTURE, THE METHOD OF APPLICATION, OR THE SURFACE AREA-TO-VOLUME RATIO IN THE END USE, COULD AFFECT THE SUITABILITY OF THE PRODUCT FOR USE IN CONTACT WITH DRINKING WATER

Michael Glasson
APPROVED SIGNATORY



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Summary of Results

APPENDIX/CLAUSE	RESULTS
C – Taste	Passed at the in-the-product exposure with a scaling factor of 0.01 applied.
D – Appearance	Passed at the in-the-product exposure with a scaling factor of 0.1 applied.
E – Growth of Aquatic Micro-organisms	Passed at the in-use exposure.
F – Cytotoxic Activity	Passed at the in-the-product exposure with a scaling factor of 0.1 applied.
G – Mutagenic Activity	Passed at the in-the-product exposure with a scaling factor of 0.1 applied.
H – Metals	Passed at the in-the-product exposure with a scaling factor of 0.1 applied.
6.8 – Organic Compounds	Passed at the in-the-product exposure with a scaling factor of 0.1 applied.

Test Methods

Test(s) in Appendix	AWQC Test Method	Reference Method
C	T0320-01	AS/NZS 4020:2018
D	TO029-01 & TO018-01	APHA 2120c & APHA 2130b
E	TO014-03	APHA 4500 O G
F	TM-001	AS/NZS 4020:2018
G	TM-002	AS/NZS 4020:2018
H	TIC-006	EPA 200.8

Organic Test Methods

Test(s) in Clause	Test Method	Reference Method
Clause 6.8	TMZ-M36	USEPA524.2
	EP239	USEPA521
	EP132-LL	USEPA_SW846-8270D
	EP075C	USEPA_SW846-8270D
	EP075ASIM	USEPA_SW846-8270D



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