

**NO: SAMM 786**(Issue 4, 12 January 2018 replacement  
of SAMM 786 dated 10 August 2017)

Page: 1 of 3

**LABORATORY LOCATION:**  
(PERMANENT LABORATORY)
**STANDARDMARK LABORATORY SDN. BHD.**  
**LEVEL 1, NO. 20, PERINDUSTRIAN BS 9**  
**JALAN BS 9/10**  
**TAMAN BUKIT SERDANG**  
**43300 SERI KEMBANGAN, SELANGOR**  
**MALAYSIA**
**FIELDS OF TESTING:****MICROBIOLOGY & CHEMICAL**

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2005 (ISO/IEC 17025:2005).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

**SCOPE OF TESTING: MICROBIOLOGY**

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Extract of Products for Use in Contact with Drinking Water including main water service, bore water, rain water, filtered water (i.e. distilled, reverse osmosis and deionized water)	Taste	AS/NZS 4020:2005, Appendix C
	Odour and flavor	BS 6920-2.2.1:2000 + A3:2014
		BS 6920-2.2.2:2000 + A1:2014
		BS 6920-2.2.3 + A2:2014
		MS 1583:2003, Part 2, Section 2
		SS 375:Part 2.2:2015
	Growth of aquatic microorganism	AS/NZS 4020:2005, Appendix E
		BS 6920-2.4:2000 + A1:2014
		MS 1583:2003, Part 2, Section 4
		SS 375:Part 2.4:2015
Extractant Water - Drinking Water including main water service, bore water, rain water, filtered water (i.e. distilled, reverse osmosis and deionized water)		

**NO: SAMM 786**(Issue 4, 12 January 2018 replacement  
of SAMM 786 dated 10 August 2017)

Page: 2 of 3

**SCOPE OF TESTING: MICROBIOLOGY**

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Extract of Products for Use in Contact with Drinking Water including main water service, bore water, rain water, filtered water (i.e. distilled, reverse osmosis and deionized water)	Cytotoxic activity	AS/NZS 4020:2005, Appendix F
		BS 6920-2.5:2000 + A2:2014
		MS 1583: 2003, Part 2, Section 5
		SS 375:Part 2.5:2015
Extractant Water - Drinking Water including main water service, bore water, rain water, filtered water (i.e. distilled, reverse osmosis and deionized water) (cont.)	Mutagenicity activity	AS/NZS 4020:2005, Appendix G

**Signatory:**1. **Chong Seet Huang**

**NO: SAMM 786**(Issue 4, 12 January 2018 replacement  
of SAMM 786 dated 10 August 2017)

Page: 3 of 3

**SCOPE OF TESTING: CHEMICAL**

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Extract of Products for Use in Contact with Drinking Water including main water service, bore water, rain water, filtered water (i.e. distilled, reverse osmosis and deionized water)	Appearance of Water (Extract)	AS/NZS 4020:2005, Appendix D <ul style="list-style-type: none"> <li>ISO 7887:2011 (revised edition of 1994)</li> <li>ISO 7027: 1999</li> </ul>
		MS 1583:2003, Part 2, Section 3 <ul style="list-style-type: none"> <li>ISO 7887:2011 (revised edition of 1994)</li> <li>ISO 7027: 1999</li> </ul>
Extractant Water - Drinking Water including main water service, bore water, rain water, filtered water (i.e. distilled, reverse osmosis and deionized water)		BS 6920-2.3:2000+A1:2014 <ul style="list-style-type: none"> <li>BS EN ISO 7887:2011</li> <li>BS EN ISO 7027:2000</li> </ul>
		SS 375: Part 2.3:2015 <ul style="list-style-type: none"> <li>BS EN ISO 7887:2011</li> <li>BS EN ISO 7027:2000</li> </ul>
Extractant Water - Drinking Water including main water service, bore water, rain water, filtered water (i.e. distilled, reverse osmosis and deionized water)	Colour	ISO 7887:2011, Method C, Option 1 APHA 2120 C
	Turbidity	ISO 7027-1:2016 APHA 2130 B

**Note:**

- AS/NZS 4020:2005: Testing of Products for Use in contact with Drinking Water
- BS 6920:2014: Suitability of Non-Metallic Materials Products for Use in Contact with Water Intended for Human Consumption with Regard to Their Effect on The Quality of the Water
- MS 1583:2003: Suitability of Non-Metallic Materials Products for Use in Contact with Water Intended for Human Consumption with Regard to Their Effect on The Quality of the Water
- SS 375:2015: Suitability of Non-Metallic Materials Products for Use in Contact with Water Intended for Human Consumption with Regard to Their Effect on The Quality of the Water
- APHA: Standards Methods for the Examination of Water and Wastewater 20<sup>th</sup> Edition: 1999

**Signatory:**

1. **Nurliyana Zahirah Binti Abdul Razak** **IKM No.: IKM No. L/2638/7827/17**