


NO: SAMM 918

Page: 1 of 2

<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	QUALITY ASSURANCE LABORATORY ASAHI HOLDINGS SOUTHEAST ASIA SDN. BHD. LOT 5 & 7, JALAN P/5 & P/6 SEKSYEN 13 KAWASAN PERUSAHAAN , 43650, SELANGOR MALAYSIA
	
<b>ACCREDITED SINCE :</b>	19 MARCH 2019
<b>FIELD(S) OF TESTING:</b>	CHEMICAL MICROBIOLOGICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

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).

<b>CENTRAL LOCATION:</b>	QUALITY ASSURANCE LABORATORY ASAHI HOLDINGS SOUTHEAST ASIA SDN. BHD. LOT 5 & 7, JALAN P/5 & P/6 SEKSYEN 13 KAWASAN PERUSAHAAN , 43650, Selangor
<b>FIELD(S) OF TESTING :</b>	CHEMICAL, MICROBIOLOGICAL

**SCOPE OF TESTING : CHEMICAL**

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Carbonated Drinks & Noncarbonated Drinks (juices, Tea, Sport And Energy Drink)	Brix by Refractometer	In-house method LTM-1 (based on AOAC Official Method 932.14 and ATAGO Refractometer Manual)
	pH	In-house method LTM-2 (based on AOAC Official Method 945.10 and Metrohm Titrino Plus Manual)
	Titrateable Acidity	In-house Method LTM-3 (based on AOAC Official Method 950.07 and Metrohm Titrino Plus Manual)

NO: SAMM 918

Page: 2 of 2

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
<b>Soft Drink (for Direct Consumption)</b> - Flavoured Drink - Botanical Beverage Drink - Fruit Juice, Fruit Juice Drink, Fruit Drink - Soya Bean Milk	Heavy Metals (Hg, Sn, Sb, As, Cd, Pb)	In-house method LTM-5 (based on AOAC 2015.01, J. AOAC Vol 101 No 2 2018, AOAC 2011.14 and Agilent ICP-OES 5110 VDV Instrument Manual)
	Minerals (Na, Ca, K, P, Mg, Cu, Fe, Zn, Mn)	In-house method LTM-5 (based on AOAC 2015.01, J. AOAC Vol 101 No 2 2018, AOAC 2011.14 and Agilent ICP-OES 5110 VDV Instrument Manual)
<b>Coffee, Tea, Chicory And Related Product</b> - Coffee - Tea	Heavy Metals (Hg, Sn, Sb, As, Cd, Pb)	In-house method LTM-5 (based on AOAC 2015.01, J. AOAC Vol 101 No 2 2018, AOAC 2011.14 and Agilent ICP-OES 5110 VDV Instrument Manual)
	Minerals (Na, Ca, K, P, Mg, Cu, Fe, Zn, Mn)	In-house method LTM-5 (based on AOAC 2015.01, J. AOAC Vol 101 No 2 2018, AOAC 2011.14 and Agilent ICP-OES 5110 VDV Instrument Manual)
<b>Milk And Milk Product</b> - Sweetening Substance - Uht Milk - Pasteurized Milk	Total Fat Total Solid	In-house method LTM-4 (based on J. AOAC Vol 88 No 1 2005 PMV 1.2004 and CEM Smart Trac II Instrument Manual)

**SCOPE OF TESTING : MICROBIOLOGICAL**

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Carbonated Drinks, Noncarbonated Drinks (juices Cultured Milk Or Fermented Milk, Ready To Drink Coffee)	Yeast and Mold (Pour Plate)	In-house method No LTM 18 (based on Pepsi-Cola Company Manual TM701.001)
	Total Plate Count (Pour Plate)	In-house method No LTM 13 (based on ISO 4833-1))
Carbonated Drinks	Yeast and Mold (Membrane Filtration)	In-house method No LTM 19 (based on Pepsi-Cola Company Manual TM701.001)