



# Accreditation Scope

## Holistic International Testing Services FZ LLC, NAL 091 Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Science Park, Dubai, United Arab Emirates

Issue Date: 09-05-2022

Expiry Date: 08-05-2025

Issue No: 07

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Cosmetic Products, Personal Care Products, Detergents and Disinfectants	Biodegradability of Ionic and Non Ionic Surfactants, >10 %	SOP-HITS-20-028 By Spectrophotometer Rev: 04 Date: 17/03/2020	P
		pH Determination 4 to 12	SOP-HITS-20-001 By pH meter Rev: 07 Date: 02/11/2021	
		Active Matter or Total Surfactant Content 1. Anionic Surfactant, >0 % 2. Non Ionic Surfactant, >0 % 3. Cationic Surfactant, > 0 %	ISO 2271:1989 SOP-HITS-20-028 Rev: 04 Date: 17/03/2020 ISO 2871-2:2010	
	Cosmetics and Personal Care Products	p-Phenylenediamine, >0.2 %	SOP-HITS-20-030 By HPLC Rev: 06 Date: 16/08/2021	
		Preservatives 1. Benzoic Acid, >0.018 % 2. Methyl Paraben, >0.006 % 3. Ethyl Paraben, >0.006 % 4. Propyl Paraben, >0.006 % 5. Butyl Paraben, >0.006 %	SOP-HITS-20-020 By HPLC Rev: 05 Date: 14/08/2021	
		Formaldehyde, >0.003 %	SOP-HITS-20-093 By HPLC Rev: 03 Date: 21/08/2021	



# Accreditation Scope

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Chemical	Cosmetics and Personal Care Products	Allergens: >5 ppm or >0.0005 % 1. Amylcinnamylalcohol CAS #101.85.9 2. Anisylalcohol CAS #105.13.5 3. Benzyl Benzoate CAS #120.51.4 4. Benzylalcohol CAS #100.51.6 5. Benzylcinnamate CAS #103.41.3 6. Cinnamaldehyde (Cinnamal) CAS #104.55.2 7. Cinnamylalcohol CAS #104.54.1 8. b-Citronellal CAS #106.22.9 9. Coumarin CAS #91.64.5 10. D-Limonene CAS #5989.27.5 11. Eugenol CAS #97.53.0 12. Farnesol (Total) CAS #4602.84.0 13. Amylcinnamal CAS #122.40.7 14. Benzyl salicylate CAS #118.58.1	SOP-HITS-20-016 By GCMS Ion Trap Rev: 07 Date: 20/05/2019	P



# Accreditation Scope

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Chemical	Cosmetics and Personal Care Products	15. Geraniol CAS #106.24.1 16. Hexylcinnamaldehyde CAS #101.86.0 17. Hydroxycitronellal CAS #107.75.5 18. Isoeugenol CAS #97.54.1 19. Linal CAS #80-54-6 20. Linalool CAS #78.70.6 21. Lyrall CAS #31906-04-4 22. Methylheptyne Carbonate CAS #111.12.6 23. Citral (Total) CAS #5392.40.5 24. Cetone Alpha (Alpha- Isomethyl Ionone) CAS #127.51.5	SOP-HITS-20-016 By GCMS Ion Trap Rev: 07 Date: 20/05/2019	P
	Perfumes and Perfumary Products	Diethyl Phthalate, >0.5 ppm	SOP-HITS-20-010 By GCMS Ion Trap Rev: 05 Date: 20/06/2021	



# Accreditation Scope

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Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Energy Drinks, Carbonated and Non-Carbonated Beverages	Vitamin B Complex 1. Thiamine, >1 ppm 2. Riboflavin, >1 ppm 3. Panthothenic Acid, >1 ppm 4. Pyridoxine, >1 ppm 5. Niacin, >2 ppm	SOP-HITS-20-076 By Triple Quad LC/MS Rev: 04 Date: 14/07/2020	P
		6. Cyanocobalamin, 0.001 ppm	SOP-HITS-20-133 By Triple Quad LC/MS Rev: 03 Date: 11/07/2020	
	Energy Drinks, Carbonated and Non-Carbonated Beverages	Food Additives 1. Glucuronolactone, >75 ppm	SOP-HITS-20-078 By HPLC Rev: 04 Date: 19/08/2021	
		2. Taurine, >150 ppm	SOP-HITS-20-079 By HPLC Rev: 03 Date: 30/08/2021	
		3. Benzoic Acid, Sorbic Acid and Caffiene, >6 ppm	SOP-HITS-20-029 By HPLC Rev: 04 Date: 30/08/2021	



# Accreditation Scope

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Issue Date: 09-05-2022

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Chemical	Energy Drinks, Carbonated and Non-Carbonated Beverages, Food and Food Supplements	Toxic Metals and Other Elements 1. Arsenic, >0.02 ppm 2. Lead, >0.02 ppm 3. Copper, >0.02 ppm 4. Iron, >0.20 ppm 5. Tin, >0.02 ppm 6. Cadmium, >0.01 ppm	SOP-HITS-20-025 By ICP-OES Rev: 12 Date: 25/10/2021	P
		7. Mercury, >0.002 ppm	SOP-HITS-20-081 By ICP-OES Rev: 09 Date: 24/10/2021	
	Migration Test in Food Contact Materials (FCM)	Overall Migration in Food Contact Material, >1 mg/dm <sup>2</sup> 1. Simulant A – Distilled water 2. Simulant B – 3 % Acetic Acid 3. Simulant C – 10 % Ethanol or 50 % Ethanol	EN 1186-1:2002 EN 1186-3:2002 EN 1186-5:2002 EN 1186-9:2002 EN 1186-14:2002 2007/42/ EC Directive (Official Journal of the European Union) 2002/72/EC Article 2 (Official Journal of the European Communities)  SOP-HITS-20-095 Rev: 02 Date: 15/10/2020	



# Accreditation Scope

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Chemical	Migration Test in Food Contact Materials (FCM)	Migration of Elements in Food Contact Material, >0.10 ppm 1. Arsenic 2. Lead 3. Cadmium 4. Chromium	SOP-HITS-20-096 By ICP-OES Rev: 05 Date: 25/10/2021	P
	Biodegradation of Plastic and other Disposable Objects	Toxic Metals, >0.4 ppm 1. Arsenic 2. Lead 3. Copper 4. Zinc 5. Cadmium 6. Cobalt 7. Chromium 8. Nickel 9. Selenium	SOP-HITS-20-098 By ICP-OES Rev: 04 Date: 25/10/2021	
	Biodegradation of Plastic and Other Disposable Objects	Determination of Carbonyl Index	ISO 10640:2011	
	Cosmetics and Personal Care Products	1,4- Dioxane, >10 ppm	SOP-HITS-20-011 By GC-FID Head Space Rev: 05 Date: 05/09/2021	
Alcohol /Ethanol, >75 ppm		SOP-HITS-20-013 By GC-FID Rev: 04 Date: 16/08/2021		



# Accreditation Scope

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Expiry Date: 08-05-2025

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Chemical	Cosmetics and Personal Care Products	Methylisothiazolinone (MIT), >5 ppm	SOP-HITS-20-113 By HPLC Rev: 04 Date: 17/09/2020	P
		Nitrosamines (NDELA & NBHPA), >40 ppb	SOP-HITS-20-103 By LC-MS/MS Rev: 03 Date: 11/07/2020	
		Turbidity in Perfumery Products	GSO 1047:2001 By Visual	
		Essential Oil in Perfumery Products	SOP-HITS-20-090 By Extraction Rev: 04 Date: 26/03/2021	
		Bitrex	SOP-HITS-20-089 By HPLC-DAD Rev: 02 Date: 12/01/2020	
		24 Allergens	SOP-HITS-20-031 By GC-MS/MS Rev: 03 Date: 11/11/2021	
		Total Fatty Matter	GSO 685:1994 By Extraction	
		Hydrogen Peroxide	SOP-HITS-20-008 By Titration Rev: 03 Date: 19/10/2020	



# Accreditation Scope

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Issue Date: 09-05-2022

Expiry Date: 08-05-2025

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Chemical	Cosmetics and Personal Care Products	Fluoride in Oral Care Products	SOP-HITS-20-150 By IC Rev: 03 Date: 22/09/2020	P
		Active Matter	GSO 395:2010 By Extraction	
		Non-volatile Alcohol Soluble	GSO 395:2010 By Extraction	
		Moisture and Volatile Matter	SOP-HITS-20-045 By Oven Rev: 03 Date: 16/09/2020	
		Thermal Stability	SOP-HITS-20-052 Rev: 02 Date: 08/07/2020	
		Peroxide Value/Number	SOP-HITS-20-198 By Titration Rev: 00 Date: 05/10/2020	
		Water Content	SOP-HITS-20-004 By Karl Fischer Rev: 04 Date: 28/12/2021	
		Chloride Content	SOP-HITS-20-005 By Titration Rev: 05 Date: 24/03/2021	





# Accreditation Scope

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Dubai Science Park, Dubai, United Arab Emirates

Issue Date: 09-05-2022

Expiry Date: 08-05-2025

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Chemical	Cosmetics and Personal Care Products	Mixture of 5-Chloro-2-methyl- isothiazol-3(2H)-one and 2- Methylisothiazol-3(2H)-one (Mixture of Methylchloroisothiazolinone and Methylisothiazolinone)	SOP-HITS-20-113 By HPLC Rev: 04 Date: 21/09/2020	P
		Total Content of Fatty Substances	GSO 1153:2011 By Extraction	
		Unsaponifiable, Unsaponified and Unsaponified Saponifiable Matter	GSO ISO 1067:1994 By Extraction	
		Free Acid (as Oleic) & Free Alkali	SOP-HITS-20-042 By Titration Rev: 03 Date: 29/12/2021	
		Water and Ethanol Insoluble Matter	GSO 1098:2002 By Extraction	
		Total Free Alkali	GSO ISO 684:1994 By Titration	
		Free Caustic Alkali	GSO ISO 456:1994 By Titration	
		pH in Diaper	GSO 750:1997 GSO 143:1991	
	Perfume and Perfumery Products	Solvents (Ethanol, Methanol, 1- propanol), >150ppm	SOP-HITS-20-012 By GC-FID Head Space Rev: 07 Date: 04/02/2019	



# Accreditation Scope

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Dubai Science Park, Dubai, United Arab Emirates

Issue Date: 09-05-2022

Expiry Date: 08-05-2025

Issue No: 07

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Chemical	Talc	Asbestos as Tremolite (Qualitative)	SOP-HITS-20-122 By FTIR Rev: 03 Date: 14/05/2021	P
	Hand Wash Products	Triclosan and Triclocarban, >200 ppm	SOP-HITS-20-134 By HPLC Rev: 03 Date: 19/08/2021	
	Oral Care Products	Triclosan, >250 ppm	SOP-HITS-20-128 By HPLC Rev: 04 Date: 30/08/2021	
	Energy Drinks, Carbonated and Non-Carbonated Beverages, Infant Products, Milk and Milk Products	Myoinositol, >40 ppm	SOP-HITS-20-077 By GC-FID Rev: 05 Date: 20/06/2021	
	Non Alcoholic Beverages (Carbonated and Non-Carbonated beverages)	Mercury, >0.004 ppm	SOP-HITS-20-081 By ICP-OES Rev: 09 Date: 24/10/2021	
	Food & food products	Mercury, >0.02 ppm		
	Drinking water	Mercury, >0.001 ppm		



# Accreditation Scope

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Chemical	Energy Drinks, Nuts, Cereals Products	Aflatoxins a. Aflatoxin B1 b. Aflatoxin B2 c. Aflatoxin G1 d. Aflatoxin G2 > 1 ppb (Energy drinks) > 5ppb (Dokha) > 5 ppb (Nuts & Cereals products)	SOP-HITS-20-102 By LC-MS/MS Rev: 04 Date: 12/06/2019	P
		Total Dissolved Solids, >10 ppm	APHA 2540C 23 <sup>rd</sup> Ed. 2017 By Hot Air Oven Method	
		pH 4 to 12	SOP-HITS-20-001 By pH meter Rev: 07 Date: 02/11/2021	
	Drinking Water	Toxic and Other Elements 1. Antimony, >0.01 ppm 2. Barium, >0.01 ppm 3. Boron, > 0.05 ppm 4. Cadmium, > 0.003 ppm 5. Chromium, >0.01 ppm 6. Cobalt, >0.01 ppm 7. Copper, >0.01 ppm 8. Iron, >0.01 ppm 9. Lead, >0.01 ppm 10. Manganese, >0.01 ppm 11. Nickel, >0.01 ppm 12. Potassium, >0.1 pp 13. Sodium, >0.1 ppm 14. Tin, >0.01 ppm 15. Zinc, >0.01 ppm	SOP-HITS-20-026 By ICP-OES Rev: 09 Date: 25/10/2021	



# Accreditation Scope

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Issue Date: 09-05-2022

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Chemical	Drinking Water	Anions 1. Bromate 2. Bromide, >5 ppb 3. Chloride, >0.5 ppm 4. Chlorate 5. Chlorite 6. Fluoride, >0.01 ppm 7. Nitrite, >0.01 ppm 8. Nitrate, >0.05 ppm 9. Sulfate, > 0.5 ppm	SOP-HITS-20-023 By Chromatograph Rev: 06 Date: 09/06/2021	P
	Water	Total Hardness	APHA 2340C, 23 <sup>rd</sup> Ed. 2017	
		Cyanide	APHA 4500CN- E, 23 <sup>rd</sup> Ed. 2017	
		Carbonate and Bicarbonate	APHA 4500 CO <sub>2</sub> D, 23 <sup>rd</sup> Ed. 2017	
		Arsenic, Selenium, Calcium, Magnesium, Molybdenum	SOP-HITS-20-026 By ICP-OES Rev: 09 Date: 25/10/2021	
		Conductivity	SOP-HITS-20-185 By Conductivity Meter Rev: 01 Date: 02/05/2021	
	Food Contact Material (FCM)	Overall migration in Kitchen ware and Melamine Plates >1mg/dm <sup>2</sup> 1. Simulant A – Distilled water 2. Simulant B – 3 % acetic Acid 3. Simulant C – 10 % Ethanol	EUR 23814 EN 2009  SOP-HITS-20-095 Rev: 02 Date: 15/10/2020	



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Issue Date: 09-05-2022

Expiry Date: 08-05-2025

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Chemical	Food Contact Material (FCM)	Migration of Elements in Kitchenware, Metal and Alloy Components >0.1 ppm 1. Cobalt 2. Copper 3. Manganese 4. Nickel 5. Tin 6. Zinc 7. Barium 8. Cadmium 9. Lead	SOP-HITS-20-096 By ICP-OES Rev: 04 Date: 16/09/2020	
		Phthalates in FCM & Toys >0.02 ppm 1. Di butyl phthalate (DBP) 2. Benzyl butyl phthalate (BBP) 3. Di ethyl hexyl phthalate (DEHP) 4. Di isodecyl phthalate (DIDP) 5. Di isononyl phthalate (DINP)	EC:10, 2011 SOP-HITS-20-136 By GC-MS/MS Rev: 03 Date: 09/01/2020	
		Bisphenol A in FCM& Toys >0.02 ppm	SOP-HITS-20-139 By GC-MS/MS Rev: 02 Date: 15/08/2018	



# Accreditation Scope

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Dubai Science Park, Dubai, United Arab Emirates

Issue Date: 09-05-2022

Expiry Date: 08-05-2025

Issue No: 07

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Chemical	Food and Food Products	Sugars (Glucose, sucrose, fructose, Lactose)	SOP-HITS-20-222 By HPLC Rev: 00 Date: 03/01/2022	P
		Moisture	SOP-HITS-20-166 By Oven Rev: 01 Date: 12/10/2020	
		pH	SOP-HITS-20-001 By pH meter Rev: 07 Date: 02/11/2021	
		Protein	SOP-HITS-20-168 By Kjeldahl Method Rev: 01 Date: 29/09/2020	
		Ash	SOP-HITS-20-167 By Muffle furnace Rev: 01 Date: 29/10/2020	
		Fat	SOP-HITS-20-169 Rev: 02 Date: 05/11/2021	
		Carbohydrates & Energy	SOP-HITS-20-170 By Calculation Rev: 00 Date: 08/01/2019	
		Total Dietary Fibre	AOAC Official Method 985.29 (Enzymatic- Gravimetric)	



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Chemical	Food and Food Products	Fatty acid Profile -Saturated Fat, Mono and Poly Unsaturated Fat, Trans Fat	SOP-HITS-20-193 By GC-FID Rev: 00 Date: 25/06/2020	P
		Sodium, Iron	SOP-HITS-20-224 By ICP-OES Rev: 00 Date: 29/12/2021	
		Chloride Content	SOP-HITS-20-005 By Titration Rev: 05 Date: 24/03/2021	
		Ascorbic Acid (Vitamin C)	SOP-HITS-20-227 By HPLC Rev: 00 Date: 29/12/2021	
		Potassium Sorbate and Sodium Benzoate	SOP-HITS-20-228 By HPLC Rev: 00 Date: 20/12/2021	
		Cholesterol	SOP-HITS-20-226 By GC-MS/MS based on AOAC 994.10 Rev: 00 Date: 02/11/2021	



# Accreditation Scope

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Expiry Date: 08-05-2025

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Chemical	Honey	Hydroxymethylfurfural (H.M.F.) Content	GSO 122:1990 By UV-VIS Spectrophotometer	P
		Total Sugars Content	SOP-HITS-20-151 By Titration Rev: 02 Date: 30/09/2021	
		Sucrose Content	SOP-HITS-20-151 By Calculation Rev: 02 Date: 30/09/2021	
	Migration test in Food Contact Materials	Aluminium, Barium, Cobalt, Copper, Iron, Lithium, Zinc, Manganese, Antimony	SOP-HITS-20-096 By ICP-OES Rev: 05 Date: 25/10/2021	
	Glass Cleaner	Corrosion of Metallic Surfaces	UAE.S.GSO 883:1997 UAE.S.GSO 883:2012	
		Water Content	SOP-HITS-20-197 By Distillation Rev: 00 Date: 13/07/2020	
		Non-volatile Matter	GSO 883:2012 By Oven	
		Cleaning Efficiency	SOP-HITS-20-199 Physical Rev: 00 Date: 01/10/2020	
		Stability in Glass Cleaner	SOP-HITS-20-052 Rev: 02 Date: 08/07/2020	





# Accreditation Scope

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Chemical	Glass Cleaner	Effect of Hardness on Paint Film	GSO 883:1997 GSO 883:2012	P
	Carpet Shampoo	Alkalinity	UAE.S.GSO 461:1994 By pH meter	
		Effect on Carpet Backing	UAE.S.GSO 461:1994	
	Liquid Carpet Cleaner	Active Ingredient, Oxidizing Agent, Reducing Agent, Cleaning Power Test, Resoling Test	SOP-HITS-20-200 Rev: 00 Date: 01/10/2020	
		Optical Brightening Agent	GSO 461:1994 Visual	
	Milk and Milk Based Products	% Lactose	SOP-HITS-20-189 By HPLC with RID Rev: 01 Date: 06/05/2020	
	Milk and Milk Related Products	Percentage of Casein	SOP-HITS-20-194 Rev: 03 Date: 13/10/2020	
	Carbonated Drinks, Energy Drinks and Fruit Juices	Sugars 1. Sucrose 2. Fructose 3. Glucose	SOP-HITS-20-183 By HPLC with RID Rev: 02 Date: 06/05/2020	
Carbonated Beverages, Juices, Food and Food Products	Artificial Sweeteners (Acesulfame K, Aspartame, Saccharin)	SOP-HITS-20-190 by HPLC-DAD Rev: 00 Date: 01/03/2020		



# Accreditation Scope

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Expiry Date: 08-05-2025

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Chemical	Carbonated Beverages and Carbonated Water	Carbon Dioxide	SOP-HITS-20-075 By CO2 Tester Rev: 03 Date: 25/01/2020	P
		Sulphur Dioxide	AOAC 990.28 By Distillation & Titration	
	Beverages and Energy Drinks	Citric Acid	SOP-HITS-20-108 By HPLC-DAD Rev: 02 Date: 07/07/2021	
	Honey	Reducing Sugars	SOP-HITS-20-151 By Titration Rev: 02 Date: 30/09/2021	
		Insoluble solids in water	GSO 122:1990 By Oven	
		Acidity	GSO 122:1990 By Titration	
		Diastase Activity	SOP-HITS-20-223 By Kit Manual Method Rev: 02 Date: 11/01/2022	
		Conductivity	SOP-HITS-20-185 By Conductivity Meter Rev: 01 Date: 02/05/2021	



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Chemical	Cosmetic Products, Personal Care Products, Detergents, Disinfectants, Food and Food Supplements	Toxic Metals 1. Lead, >0.4 ppm 2. Arsenic, >0.4 ppm 3. Cadmium, >0.4 ppm 4. Antimony, >0.4 ppm	SOP-HITS-20-025 By ICP-OES Rev: 12 Date: 25/10/2021	P
		5. Mercury, >0.04 ppm	SOP-HITS-20-081 By ICP-OES Rev: 9 Date: 24/10/2021	
	Food and Food Supplements	Ethanol, >75 ppm	SOP-HITS-20-013 By GC-FID Head Space Rev: 04 Date: 16/08/2021	
	Detergents	Sodium Carbonate	SOP-HITS-20-041 By Titration Rev: 03 Date: 02/09/2020	
		Silicates	SOP-HITS-20-038 By Titration Rev: 03 Date: 28/12/2021	
		Active Oxygen	SOP-HITS-20-002 By Titration Rev: 03 Date: 18/02/2021	
		Brightening Agents, Soap Content, Rinsing Properties	GSO 152:2007	



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Issue No: 07

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Chemical	Detergents	Moisture Content and Volatile Matter	SOP-HITS-20-045 By Oven Rev: 03 Date: 16/09/2020	P
		Phosphate Content	SOP-HITS-20-201 By ICP-OES Rev: 01 Date: 15/12/2021	
		Active Material	GSO 2060:2010 By Extraction	
		Chloride Content	SOP-HITS-20-005 By Titration Rev: 05 Date: 24/03/2021	
	Germicidal Liquid Detergent for General Purposes	Total Solids	SOP-HITS-20-045 By Oven Rev: 03 Date: 16/09/2020	
		Stability to Hard Water, Stability at Low Temperature	SOP-HITS-20-052 Rev: 02 Date: 08/07/2020	
	Synthetic Detergent for Kitchen	Surface Active Agents	SOP-HITS-20-192 By Extraction & UV Rev: 00 Date: 15/09/2020	
		Fluorescent Brightener	GSO 1947:2009 GSO 1947:2009 Visual	



# Accreditation Scope

## Holistic International Testing Services FZ LLC, NAL 091 Testing Laboratory, (ISO/IEC 17025:2017)

Dubai Science Park, Dubai, United Arab Emirates

Issue Date: 09-05-2022

Expiry Date: 08-05-2025

Issue No: 07

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Chemical Disinfectants and Antiseptics	Quantitative Suspension Test for the Evaluation of Bactericidal Activity of Chemical Disinfectants and Antiseptics Used in Food, Industrial, Domestic and Institutional Areas	BS EN 1276:2019 By Pour Plate	P
		Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas	BS EN 1650:2019 By Pour Plate	
	Phenolic Disinfectant Fluids	Stability on Storage, Stability during Use	SOP-HITS-20-052 Rev: 02 Date: 08/07/2020	
	Face Masks	Breathability (Differential Pressure)	EN 14683:2019 Annex C By Differential Pressure Tester	
		Splash Resistance	ISO 22609:2009 By Splash Resistance Tester	
		Bacterial Filtration Efficiency (BFE)	EN 14683:2019 Annex B	
		Microbial Cleanliness	EN 14683:2019 Annex D by Membrane Filtration	



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Issue No: 07

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Chemical	Textiles Products	Toxic Metals	SOP-HITS-20-202 By ICP-OES Rev: 00 Date: 20/10/2020	
		pH	ISO 3071:2020	
Microbiological	Disinfectants/ Antiseptics	1. Efficacy vs E.coli 2. Efficacy vs P.aeruginosa 3. Efficacy vs Salmonella 4. Efficacy vs Aspergillus niger 5. Efficacy vs B.subtilis 6. Efficacy vs S. aureus 7. Efficacy vs Candida albicans >3 log	SOP-HITS-10-015 Rev: 04 Date: 16/07/2020 Based on ASTM E2315-16	P
	Cosmetic and Personal Care Products	1. Total Aerobic Mesophilic Microorganisms 2. Total Bacterial Count 3. Enumeration of yeast and mold 4. Detection of Escherichia coli 5. Detection of Candida albicans 6. Detection of Staphylococcus aureus 7. Detection of Pseudomonas aeruginosa Presence/Absence	SOP-HITS-10-012 Rev: 08 Date: 29/06/2021	



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Issue No: 07

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Microbiological	Food, Food Supplements and Diatec Foods / Energy Drinks and Carbonated and Non- Carbonated Beverages	Aerobic Plate Count, >10 cfu/g	US FDA BAM Chapter 3:2001 By Pour Plate Method	P
		Enumeration of Coliform, >10 cfu/g	US FDA BAM Chapter 4:2020 By Solid Medium Technique	
		Enumeration of E. coli, >10 cfu/g		
		Enumeration of S. aureus, >10 cfu/g	US FDA BAM Chapter 12:2016	
	Food, Food Supplements and Diatec Foods / Energy Drinks and Carbonated and Non- Carbonated Beverages	Enumeration of Total Yeast and Mould, >10 cfu/g	US FDA BAM Chapter 18:2001 By Spread Plate Method	
		Detection of Salmonella Present/Absent	US FDA BAM Chapter 5:2021	
		Detection of Listeria Monocytogenes Present/Absent	ISO 11290-1:2017	
		Detection of E. Coli O157:H7 Present/Absent	AOAC 2000.14: 2016 By Reveal Kit Method - Neogen	
		Enumeration of Presumptive Bacillus Cereus >10 cfu/g	ISO 7932:2004	



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Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Microbiological	Food and Dietetic Foods, Energy Drinks, Carbonated & Non-Carbonated Drinks	Total Aerobic Plate Count	AOAC 2019.02:2019 By MC Media-pad	P
		Enumeration of Total Yeast and Mould Count	AOAC 2018.02:2018 By MC Media-pad	
		Enumeration of E.Coli	AOAC performance tested, certificate no. 091702	
		Enumeration of Coliform	AOAC performance tested, certificate no. 091702	
		Enumeration of Enterobacteriaceae	CMMEF, Chapter 9, 5th Edition	
		Enumeration of <i>Clostridium perfringens</i>	CMMEF, Chapter 33, 5th Edition	
		Detection of <i>Vibrio parahaemolyticus</i>	BAM Chapter 9:2004	
	Bottled Drinking Water/Natural Mineral Water/ Unbottled Drinking Water/Swimming Pool Water/ Portable/Edible Packaged Ice	Heterotrophic Plate Count >1 cfu/ml	APHA 9215B 23 <sup>rd</sup> Ed. 2017 By Pour Plate Method	
		Enumeration of Coliform >10 cfu/100 ml	US FDA BAM Chapter 4:2020 By MF Technique	
		Enumeration of E. coli >10 cfu/100 ml		
		Enumeration of Fecal Streptococci >10 cfu/100 ml	APHA 9230C 23 <sup>rd</sup> Ed. 2017 By MF Technique	
		Sulphite-reducing Clostridia and Clostridium Perfringens	MDW Part 6:2015 By Membrane Filtration	
		Enumeration of <i>Pseudomonas aeruginosa</i>	APHA 9213E, 23 <sup>rd</sup> Ed. 2017	





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Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Physical	Powder Detergents, Liquid Detergents, Glass Cleaner, Germicidal Liquid Detergent for General Purposes, Phenolic Disinfectant Fluids, Synthetic Detergent for Kitchen, Honey, Perfume, Cosmetics (Homogenous, Filthy, appearance, colour, odour), water, food supplements	Visual Inspection	SOP-HITS-20-051 Visual Rev: 03 Date: 05/01/2021	P
END				