

	RWANDA STANDARDS BOARD NQTL TESTING SCOPE	RSB/FIN/02
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I. Materials Testing Laboratories

PRODUCT	TESTED PARAMETER	TEST METHOD (SOP)
CEMENT	Initial setting time	RS EAS 148-1
	Final setting time of cement	RS EAS 148-1
	Compressive strength of cement (including strength for 2days or 7days and 28 days strength)	RS EAS 148-1
	Lost on ignition	RS EAS 148-2:2004
	Cement soundness	RS EAS 148-1:2004
ROOFING SHEETS	Zinc coating mass and Base Metal thickness of roofing sheets	RS EAS 11
	Tensile strength of roofing sheets (3 pieces)	RS EAS 11
	Bending adhesion of roofing sheets (1piece)	RS EAS 468 RS EAS 410
	Marking of roofing of sheets	RS EAS 11 RS EAS 468 EAS 410
	Dimensional test of roofing sheets	RS EAS 11 RS EAS 468 RS EAS 410
CEMENT BLOCKS /BRICKS	Water absorption of bricks and Blocks	RS 568
	Compressive strength of Bricks and blocks (price for 10 specimens/batch)	RS 568
	Dimensional test of bricks/ blocks	RS 568
PAVING BLOCKS	Water absorption of Blocks (price for 10 specimens/batch)	RS 415
	Compressive strength of blocks (price for 10 specimens/batch)	RS 415
	Dimensional test of paving blocks	RS 415
BURNT BRICKS	Water absorption of burnt bricks (price for 10 specimens/batch)	RS 359
	Compressive strength of burnt bricks (price for 10 specimens/batch)	RS 359
	Dimensional test of burnt bricks	RS 359
CRAY ROOFING TILES	Flexural strength of roofing Tiles (price for 10 specimens/batch)	RS 358
	Water absorption test of roofing tiles (price for 10 specimens/batch)	RS 358
	Dimensional test roofing tiles	RS 358
CONCRETE	Compressive strength of hardened concrete cubes or	RS ISO1920-4

Revision	01	Page 1 of 14	Date: 28	November 2014
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NQTL TESTING SCOPE

PRODUCT	TESTED PARAMETER	TEST METHOD (SOP)
	cylinders (price for 3 specimens)	
SAND	Particle size distribution by sieve analysis	RS 211-1
Steel bars for reinforcing of concrete	Tensile strength/Yield strength/elongation	
	bar diameter 6mm	RS ISO 6892-1
	bar diameter 8mm	RS ISO 6892-1
	bar diameter 10mm	RS ISO 6892-1
	bar diameter 12mm	RS ISO 6892-1
	bar diameter 14mm	RS ISO 6892-1
	bar diameter 16mm	RS ISO 6892-1
	bar diameter 20mm	RS ISO 6892-1
	bar diameter 25mm	RS ISO 6892-1
	bar diameter 32mm	RS ISO 6892-1
	Dimensional test of steel bars	RS ISO 6935-1&2
	Three points Bend test of steel bars for reinforcing of concrete	
	bar diameter 6mm,8mm,10mm,12mm	RS ISO 15630-1
	bar diameter 14mm and 16mm	RS ISO 15630-1
	bar diameter 20mm and 25mm	RS ISO 15630-1
bar diameter 32mm and above	RS ISO 15630-1	
Three points Bend test of other metallic materials	RS ISO: 7438	
Dimensional test of Metallic materials	PRODUCT RELATED	
Structural steels- Hollow sections	Tensile strength(Min 3 pieces)	RS ISO 6892-1
	Dimensional test	ISO 4019
Steel plates and sheets	Tensile properties (3 pieces)	PRODUCT RELATED
	Dimensional test	-
polyethylene water tanks	Resistance to deformation	RS 736
	Tensile properties (6 pieces)	RS 736
	Dimensional test	RS 736
Metals	Brinell Hardness of metals	RS ISO 6506-1
	Chemical composition (XRF test for up to 44 elements:Na,Mg,Al,Si,P,S,Cl,K,Ca,Sc,Ti,V, Cr,Mn,Fe,Co,Ni,Cu,Zn,As,Se,Rb,Sr,Zr,,Nb,Mo, Ru,Pd,Ag,Cd,Sn,Sb,Te,Cs,Ba,Hf,Ta,W,Au,Hg,Pb,Bi, Th and U)	NQTL/MTL/NDT/SOP-1
SOILS AND ROCKS	Chemical composition (XRF test for up to 44 elements:Na,Mg,Al,Si,P,S,Cl,K,Ca,Sc,Ti,V, Cr,Mn,Fe,Co,Ni,Cu,Zn,As,Se,Rb,Sr,Zr,,Nb,Mo, Ru,Pd,Ag,Cd,Sn,Sb,Te,Cs,Ba,Hf,Ta,W,Au,Hg,Pb,Bi, Th	NQTL/MTL/NDT/SOP-1

NQTL TESTING SCOPE

PRODUCT	TESTED PARAMETER	TEST METHOD (SOP)
	and U)	
ELECTRICAL CABLES	Marking	RS IEC 60227-1
	Chemical composition of cable conductor material	NQTL/MTL/NDT/SOP-1
	Resistance of electrical cables rolls (100m min)	RS IEC 60227-2
CONDOMS	Freedom from holes of condoms	RS ISO 4074
	Condom strength Bursting volume and Bursting pressure of condoms	RS ISO 4074
	Pack seal integrity of condoms	RS ISO 4074
	Condoms dimensions (width and length)	RS ISO 4074
	Thickness of condoms and Quantity of lubricant in condom container	RS ISO 4074
	Design and inspection of labeling requirements	RS ISO 4074
MATRESS	Tensile properties (6 pieces)	RS EAS 7-1
	Tear resistance (6 pieces)	RS EAS 7-1
	Density	RS EAS 7-1
	Dimensions	RS EAS 7-1
	Compression set (3 pieces)	RS EAS 7-1
	Marking	RS EAS 7-1
LEATHER MATERIALS	Tensile strength of leather materials and Percentage extension of leather materials (6 pieces)	ISO 3376
	Resistance to tearing load of leather materials (6 pieces)	ISO 3377-1 &2
	Thickness of leather materials	RS ISO 2589
	Flex resistance of leather materials	ISO 5402
	Apparent density	ISO 2420
TOILET PAPER	Tensile strength (10 pieces)	RS EAS 355
	Tear strength (10 pieces)	RS EAS 355
	Tissue paper substance	RS EAS 355
	Dimensional test	RS EAS 355
TEXTILE	Tensile strength	ISO 13934-1
	Tear strength	ISO 9073-4
	Specific weight(mass per unit area)	ISO 3801
	Dimensional test	ISO 22198

II. Chemistry Laboratories

PRODUCT	PARAMETER	TEST METHOD (SOP)
TEA	Moisture content	NQTL/FAL/SOP-7
	Dry matter	NQTL/FAL/SOP-7
	Total ash content	NQTL/FAL/SOP-8
	Acid insoluble ash	NQTL/FAL/SOP-10
	water soluble ash	NQTL/FAL/SOP-12
	Alkalinity of water soluble ash	NQTL/FAL/SOP-13
	Water extract	NQTL/FAL/SOP-11
	Crude fiber	NQTL/FAL/SOP-9
	Caffeine	HPLC method
COFFEE	Moisture content	NQTL/FAL/SOP-14
	Total ash	NQTL/FAL/SOP-15
	Acid insoluble ash	NQTL/FAL/SOP-16
	Alkalinity of water soluble ash	NQTL/FAL/SOP-18
	Petroleum ether extract	NQTL/FAL/SOP-19
	Water soluble matter	NQTL/FAL/SOP-17
	Caffeine	HPLC method
	Ochratoxin A	TLU/FAL/SOP-1
BREAD	Moisture Content	RS 71:2005
	pH of aqueous extract	RS 71:2005
	Acid insoluble ash	RS 71:2005
	Crude fiber	TLU/FAL/SOP-9
	Fat content	ASN 3173
	Aflatoxins (B1,B2,G1&G2,)	TLU/FAL/SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1&B2, Ochratoxin A, Zearalenone, T2-Toxins, Patulin, and Deoxynivalenol)	LC/MS-MS Method
RICE	Head Rice	RS 27:2007
	Broken Rice	RS 27:2007
	Damaged Rice	RS 27:2007
	Chalky	RS 27:2007
	Red or Red streaked	RS 27:2007
	Organic matters	ISO 605
	Inorganic matters	ISO 605
	Paddy grains	RS 27:2007
	Moisture content	NQTL/FAL/SOP-2
	Live weevils	ISO 605
	Filth	ISO 605
	Aflatoxins B1,B2,G1 and G2	TLU/FAL/SOP-1

NQTL TESTING SCOPE

	Mycotoxins (Aflatoxins, Fumonisin B1&B2, Ochratoxin A, Zearalenone, T2-Toxins, Patulin, and Deoxynivalenol)	LC/MS-MS Method
FRESH MILK	Fat content	NQTL/FAL/SOP-24
	Total Solid	NQTL/FAL/SOP-24
	freezing point depression	NQTL/FAL/SOP-24
	Lactose	NQTL/FAL/SOP-24
	Protein content	NQTL/FAL/SOP-24
	pH	RS 44:2012
	Solid Non Fat	NQTL/FAL/SOP-24
	Density	NQTL/FAL/SOP-24
	Acidity	NQTL/FAL/SOP-24
	pH variation	RS 38:2013
Foreign matters	RS 38:2013	
MILK POWDER	Fat content	GEA Niro A9a
	Protein content	NQTL/FAL/SOP-5
	Total solids	GEA Niro A1b
	Total ash	RS 45:2004
	Moisture content	GEA Niro A1b
	Insolubility index	GEA Niro A3a
	Titrateable acidity	GEA Niro A19a
CHEESE	Dry matter	AOAC 926.08
	Moisture content	NQTL/FAL/SOP-22
	Fat content	NQTL/FAL/SOP-23
	Protein	FT 120 – AN 96a
	Salt	FT 120 – AN 96a
	TS	FT 120 – AN 96a
YOGURT	Protein	NQTL/FAL/SOP-25
	TS	NQTL/FAL/SOP-25
	SNF	NQTL/FAL/SOP-25
	Glucose	NQTL/FAL/SOP-25
	Fructose	NQTL/FAL/SOP-25
	Sucrose	NQTL/FAL/SOP-25
	Lactose	NQTL/FAL/SOP-25
	Carbohydrates	NQTL/FAL/SOP-25
	Fat	NQTL/FAL/SOP-25
	Lactic acid (TTA)	NQTL/FAL/SOP-25
CREAM	Fat content	FT 120 – AN 98b
	Protein	FT 120 – AN 98b
	TS	FT 120 – AN 98b
	SNF	FT 120 – AN 98b

NQTL TESTING SCOPE

WHEY	Fat	FT 120 – AN 110a
	Total Solid	FT 120 – AN 110a
	Protein	FT 120 – AN 110a
IMPROVED MILK	Density	NQTL/FAL/SOP-24
	Protein content	NQTL/FAL/SOP-24
	Fat Content	NQTL/FAL/SOP-24
	TS	NQTL/FAL/SOP-24
	SNF	NQTL/FAL/SOP-24
	Lactose	NQTL/FAL/SOP-24
	FPD	NQTL/FAL/SOP-24
	Acidity	NQTL/FAL/SOP-24
	Citric Content	NQTL/FAL/SOP-24
	FFA	NQTL/FAL/SOP-24
JUICE	Glucose	NQTL/FAL/SOP-27
	Fructose	NQTL/FAL/SOP-27
	Sucrose	NQTL/FAL/SOP-27
	Citric acid	NQTL/FAL/SOP-27
	Malic acid	NQTL/FAL/SOP-27
	Total Carbohydrates	NQTL/FAL/SOP-27
	TS	NQTL/FAL/SOP-27
	Soluble solids (Brix)	RS 77:2004
	pH	RS 77:2004
FERMENTED MILK	Fat	NQTL/FAL/SOP-25
	Protein	NQTL/FAL/SOP-25
	TS	NQTL/FAL/SOP-25
CONCENTRED MILK	Fat	FT 120 – AN 113a
	TS	FT 120 – AN 113a
	SNF	FT 120 – AN 113a
INFANT FORMULA	Fat	FT 120 – AN 112a
	TS	FT 120 – AN 112a
	SNF	FT 120 – AN 112a
HONEY	Glucose content	NQTL/FAL/SOP-26
	Sucrose content	NQTL/FAL/SOP-26
	Fructose content	NQTL/FAL/SOP-26
	Citric acid	NQTL/FAL/SOP-26
	Malic acid	NQTL/FAL/SOP-26
	Total carbohydrates	NQTL/FAL/SOP-26
	TS	NQTL/FAL/SOP-26
MAIZE GRAINS	Moisture content	NQTL/FAL/SOP-2
	Foreign matter	ISO 605

NQTL TESTING SCOPE

	Inorganic matter	ISO 605
	Broken grains	RS 25:2004
	Rotten and Diseased grains	RS 25:2004
	Total defective grains	RS 25:2004
	Live weevils	ISO 605
	Filth	ISO 605
	Aflatoxins B1,B2,G1 and G2	TLU/FAL/SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1&B2, Ochratoxin A, Zearalenone, T2-Toxins, Patulin, and Deoxynivalenol)	LC/MS-MS Method
Dry Beans	Moisture content	NQTL/FAL/SOP-2
	Foreign matter	ISO 605
	Inorganic matter	ISO 605
	Broken grains	EAS 46:2002
	Total defective grains	EAS 46:2002
	Pest defective grains	EAS 46:2002
	Other defective grains	EAS 46:2002
	Live weevils	ISO 605
	Filth	ISO 605
	Aflatoxins B1,B2,G1 and G2	TLU/FAL/SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1&B2, Ochratoxin A, Zearalenone, T2-Toxins, Patulin, and Deoxynivalenol)	LC/MS-MS Method
PROCESSED CEREALS (FLOURS)	Moisture content	NQTL/FAL/SOP-2
	Total ash	NQTL/FAL/SOP-3
	Acid insoluble ash	NQTL/FAL/SOP-4
	Fiber content	NQTL/FAL/SOP-9
	Fat content	ASN 3120
	Protein	NQTL/FAL/SOP-5
	Granularity	RS 268:2007
	Starch	NIRS DS2500
	Aflatoxins B1,B2,G1 and G2	TLU/FAL/SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1&B2, Ochratoxin A, Zearalenone, T2-Toxins, Patulin, and Deoxynivalenol)	LC/MS-MS Method
CASSAVA FLOUR AND GROUND CASSAVA LEAVES	Moisture content	NQTL/FAL/SOP-2
	Crude ash	TLU/FAL/SOP-8
	Acid insoluble ash	NQTL/FAL/SOP-4
	Crude fiber	NQTL/FAL/SOP-9
	Starch	NIRS DS2500
	Aflatoxins B1,B2,G1 and G2	TLU/FAL/SOP-1

NQTL TESTING SCOPE

	Mycotoxins (Aflatoxins, Fumonisin B1&B2, Ochratoxin A, Zearalenone, T2-Toxins, Patulin, and Deoxynivalenol)	LC/MS-MS Method
ANIMAL FEEDS	Moisture content	NQTL/FAL/SOP-2
	Crude ash	TLU/FAL/SOP-8
	Acid insoluble ash	NQTL/FAL/SOP-4
	Crude fiber	NQTL/FAL/SOP-9
	Crude Fat	ASN 3166
	Crude Protein	NQTL/FAL/SOP-5
	Aflatoxins B1,B2,G1 and G2	TLU/FAL/SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1&B2, Ochratoxin A, Zearalenone, T2-Toxins, Patulin, and Deoxynivalenol)	LC/MS-MS Method
BISCUITS	Moisture content	NQTL/FAL/SOP-20
	Acid insoluble ash	NQTL/FAL/SOP-21
MACADAMIA KERNELS	Moisture	NQTL/FAL/SOP-2
	Total ash	NQTL/FAL/SOP-3
	Oil content	
	Shrunken and Shriveled kernels	RS 170:2012
	Mouldy kernels	RS 170:2012
	Rotten and insects damaged	RS 170:2012
	Foreign matters	ISO 605
	Aflatoxins B1,B2,G1 and G2	TLU/FAL/SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1&B2, Ochratoxin A, Zearalenone, T2-Toxins, Patulin, and Deoxynivalenol)	LC/MS-MS Method
	Live Insects	ISO 605
GROUNDNUTS	Moisture content	EAS 57:2000
	Damaged kernels	EAS 57:2000
	Other defects	EAS 57:2000
	Unshelled kernels	EAS 57:2000
	Total defectives kernels	EAS 57:2000
	Foreign matters	ISO 605
	Oil content	ASN 3136
	Aflatoxins B1,B2,G1 and G2	TLU/FAL/SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1&B2, Ochratoxin A, Zearalenone, T2-Toxins, Patulin, and Deoxynivalenol)	LC/MS-MS Method
SWEETS	Moisture content	AOAC - 925.45
	Total ash	RS 94:2007
	Acid insoluble ash,	RS 94:2007

NQTL TESTING SCOPE

	Sulfated ash,	RS 94:2007
TOFFU	Moisture content	NQTL/FAL/SOP-2
	Crude fat	ASN 3136
	Crude protein	NQTL/FAL/SOP-5
UREA	Moisture	NQTL/FAL/SOP-28
	Nitrogen	NQTL/FAL/SOP-5
	pH	RS 106:2007
NPK	Moisture	NQTL/FAL/SOP-28
	Nitrogen	NQTL/FAL/SOP-5
	Phosphorus	KS 157:1998
	Potassium	KS 158:1999
	pH	RS 106:2007
Calcium Ammonium Nitrate	Moisture	NQTL/FAL/SOP-28
	Nitrogen	NQTL/FAL/SOP-5
POTASSIUM CHLORIDE/MoP	Moisture	NQTL/FAL/SOP-28
	Potassium	KS 158:1999
	pH	RS 106:2007
DAP/MAP	Moisture	NQTL/FAL/SOP-28
	Nitrogen	NQTL/FAL/SOP-5
	Phosphorus	KS 157:1998
	pH	RS 106:2007
Compost/ Organic manure	Moisture	NQTL/FAL/SOP-28
	Nitrogen	NQTL/FAL/SOP-5
	Phosphorus	KS 157:1998
	Potassium	KS 158:1999
	Organic matters	NQTL/FAL/SOP-3
	C/N Ratio	Conversion method
	pH	RS 106:2007
Chili sauce	Total solids	RS 123:2012
	Acidity as acetic acid	RS 123:2012
WATER	pH	ISO 10523:2008
	TDS	ISO 7888:1985 (E)
	Conductivity	ISO 7888:1985 (E)
	Sulfate as SO ₄ ²⁻	AOAC 973.57
	Chloride as Cl ⁻	NQTL/ICH/SOP-5
	Sodium as Na ⁺	NQTL/ICH/SOP-10
	Potassium as K ⁺	NQTL/ICH/SOP-9
	Lead as Pb ²⁺	NQTL/ICH/SOP-12
	Arsenic (Total)	NQTL/ICH/SOP-12
	Mercury as Hg ²⁺	NQTL/ICH/SOP-12

NQTL TESTING SCOPE

	Magnesium as Mg ²⁺	NQTL/ICH/SOP-12
	Manganese as Mn ²⁺	NQTL/ICH/SOP-12
	Chromium (Total)	NQTL/ICH/SOP-12
	Calcium as Ca ²⁺	NQTL/ICH/SOP-12
	Cadmium as Cd ²⁺	NQTL/ICH/SOP-12
	Zinc as Zn ²⁺	NQTL/ICH/SOP-12
	Tin as Sn ³⁺	NQTL/ICH/SOP-12
	Aluminium as Al ³⁺	NQTL/ICH/SOP-12
	Iron as Fe ²⁺	NQTL/ICH/SOP-12
	Copper as Cu ²⁺	NQTL/ICH/SOP-12
	Copper as Ba ²⁺	NQTL/ICH/SOP-12
	Copper as Bi ²⁺	NQTL/ICH/SOP-12
HEAVY METALS in Digestible Matrices including but not limited to Flours, Beverages, Cooking Oil, Honey, Salts, Sugar, Cosmetics, limes, Meat products, Soft Drinks and Juices.	Sodium as Na ⁺	NQTL/ICH/SOP-13
	Potassium as K ⁺	NQTL/ICH/SOP-13
	Iron as Fe ²⁺	NQTL/ICH/SOP-13
	Copper as Cu ²⁺	NQTL/ICH/SOP-13
	Chromium (Total)	NQTL/ICH/SOP-13
	Cadmium as Cd ²⁺	NQTL/ICH/SOP-13
	Calcium as Ca ²⁺	NQTL/ICH/SOP-13
	Magnesium Mg ²⁺	NQTL/ICH/SOP-13
	Manganese as Mn ²⁺	NQTL/ICH/SOP-13
	Aluminium as Al ³⁺	NQTL/ICH/SOP-13
	Nickel as Ni ³⁺	NQTL/ICH/SOP-13
	Tin as Sn ³⁺	NQTL/ICH/SOP-13
	Lead as Pb ²⁺	NQTL/ICH/SOP-13
	Mercury as Hg ²⁺	NQTL/ICH/SOP-13
	Arsenic (Total)	NQTL/ICH/SOP-13
	Barium as Ba ²⁺	NQTL/ICH/SOP-13
	Zinc as Zn ²⁺	NQTL/ICH/SOP-13
Titanium as Ti ²⁺	NQTL/ICH/SOP-13	
Bismuth as Bi ²⁺	NQTL/ICH/SOP-13	
HONEY	Moisture content	RS 141:2007
	Total ash	RS 164:2007
	Acidity	RS 164:2007
	Hydroxymethyl furfural (HMF)	RS 164:2007
	Fiehe's test	RS 164:2007
	Total Water Insoluble matter	RS 164:2007
	Relative Density	RS 164:2007
SUGAR	Polarization	KS 05-58:1998
	Moisture Content	KS 05-58:1998
	Sulfur dioxide	KS 05-58:1998

NQTL TESTING SCOPE

	Conductivity ash	KS 05-58:1998
	Total Water Insoluble	KS 05-58:1998
	Colour	KS 05-58:1998
SALTS	Water Insoluble matter	KS 05-2029:1989
	Sulfates	KS 05-2029:1989
	Total Chloride as (NaCl)	KS 05-2029:1989
	Iodine	AOAC 925.56
	Moisture content	KS 05-2029:1989
COOKING OIL	Refractive Index	ISO 6320:1998
	Moisture content	ISO 662:1998
	Peroxide value	NQTL/ICH/ SOP-5
	Saponification Value	NQTL/ICH/ SOP-6
	Acid value	NQTL/ICH/ SOP-7
	Relative Density	EAS 316: 2002
	Iodine value	EAS 309:2002
	Soap content	NQTL/ICH/ SOP-3
	Free fatty acid	AOAC 940. 28
	Insoluble impurities	NQTL/ICH/ SOP-4

PRODUCT	PARAMETER	TEST METHOD (SOP)
ALCOHOLIC BEVERAGES (Rum, Gin, whisky, Brandy, wine, Beer, vodka)	Ethanol content	NQTL/OCH/SOP-01
	Volatile acids as acetic acid	NQTL/OCH/SOP-02
	Total acidity as tartaric acid	NQTL/OCH/SOP-03
	Ester as ethyl acetate	RS EAS 104: 2000 Clause 11
	Aldehydes as acetaldehydes	RS EAS 104: 2000 Clause 12
	Ash	RS EAS 104: 2000 Clause 17
	Suspended solids	RS EAS 104: 2000 Clause 18
	Dissolved solids	RS EAS 104: 2000 Clause 19
	Total solids	RS EAS 104: 2000 Clause 20
	pH	ISO 1842
BAR SOAPS (Toilet soaps, Laundry bar soap)	Total free alkali as Na ₂ O	ISO 684
	Total fatty matter	NQTL/OCH/SOP-12
	Matter insoluble in ethanol	ISO 673
	Matter insoluble in water	ISO 6839
	Free caustic alkali as NaOH	ISO 456
	Moisture and volatile matter	ISO 672
LIQUID SOAPS (Liquid household hand dishwashing and light duty detergent; Synthetic organic	Solubility in water	RS 383 Annex A
	Matter insoluble	RS 250 Annex A
	pH at 27°C	RS 250 Annex B
	Rinsing properties	RS 250 Annex C

NQTL TESTING SCOPE

liquid detergent for household use)	Moisture and volatile matter	RS 250 Annex D
	Inorganic salt	RS 250 Annex E
	Total fatty matter	NQTL/OCH/SOP-12
	Matter insoluble in ethanol	ISO 673
	Free caustic alkali as K ₂ O	ISO 456
	pH	ISO 4316
SKIN POWDERS	Solubility of colours	RS 101 : 2006 Annex A
	Matter insoluble in boiling water	RS 101 : 2006 Annex B
	Moisture and Volatile matter	RS 101 : 2006 Annex D
	pH of aqueous suspension	RS 101 : 2006 Annex E
SCOURING POWDER	Volatile Matter	EAS 294:2001 Clause 6.2
	Free alkali content (as NaOH)	EAS 294:2001 Clause 6.3
	Matter insoluble in water	EAS 294:2001 Clause 6.5
	pH of 1 % solution	EAS 294:2001
SANITARY TOWELS	pH value	EAS 261, Method Ba)
	Absorbency capacity	EAS 96:2008 Annex C
	Moisture content of filler material	EAS 96:2008 Annex E
SKIN CARE CREAMS, LOTIONS AND GELS	Thermal stability	EAS 786: 2013 Annex A
	pH range	EAS 786: 2013 Annex B
	Total fatty substance content	EAS 786: 2013 Annex C
	Hydroquinone	HPLC-UV/Vis
POMADES AND SOLID BRILLIANTINES	Sulphated ash	EAS 342: 2013 Annex B
TOILET PAPER	Water absorption	EAS 355: 2004 Annex C
	pH value, hot extract	EAS 355: 2004 Annex D
	Moisture content	EAS 355: 2004 Annex E
PETROLEUM PRODUCTS (Gasoline, Diesel, Kerosene, Engine Oil)	Distillation	ASTM D 86 - 09
	Kinematic Viscosity	ASTM D 445 - 09
	Relative Density	ASTM D 6822 - 02
	Research Octane Number (Ron)	ERASPEC
	Motor Octane Number (Mon)	ERASPEC
	Aromatics Content	ERASPEC
	Methanol	ERASPEC
	Olefin Content	ERASPEC
	Ethanol	ERASPEC
	Oxygen Content	ERASPEC
	Flash Point	ASTM D56 - 05
	Cetane Number	ERASPEC
	Cetane Index	ERASPEC
	Polyaromatic hydrocarbons (PAH)	ERASPEC

NQTL TESTING SCOPE

	FAMES	ERASPEC
ESSENTIAL OIL	Acid value	ISO 1242
	Ester value	ISO 709
	Refractive index	ISO 280
	Flash Point	ISO/TR 11018
MILK and MILK PRODUCT	Tetracyclines	LC/MS/MS
	Nitrofurans	LC/MS/MS
	Antibiotics (6 Beta Lactam)	LC/MS/MS
	Chloramphenicol	LC/MS/MS
	Organophosphorus pesticides (OPPs)	GC/MS/MS
	Organochlorine Pesticides (OCPs)	GC/MS/MS
CURRY and CHILI POWDER	Sudan I,II,III,IV	LC/MS/MS
	Sudan red 7B	LC/MS/MS
	Sudan Orange G	LC/MS/MS
	Rhodamine B	LC/MS/MS
DRINKING WATER	Polychromatic Hydrocarbons (PAH)	GCMS
	Organophosphorus pesticides	GC/MS/MS
	Organochlorine Pesticides	GCMSMS
HONEY	Organophosphorus pesticides	GC/MS/MS
	Organochlorine Pesticides	GC/MS/MS
	Carbamates	LC/MS/MS

III. Microbiology

Water Filters	TVC- challenge water	NQTL/MIC/SOP-01
	TVC- filtered water	NQTL/MIC/SOP-01
	E. coli- challenge water	NQTL/MIC/SOP-04
	E. coli- filtered water	NQTL/MIC/SOP-04
Diluted and Neat samples	E Coli-Diluted samples	NQTL/MIC/SOP-04
	E Coli-Neat samples	NQTL/MIC/SOP-04
	E Coli-Water samples	NQTL/MIC/SOP-04
	Faecal Coliforms - DILUTED samples	NQTL/MIC/SOP-03
	Faecal Coliforms - Neat samples	NQTL/MIC/SOP-03
	Faecal Coliforms-water samples	NQTL/MIC/SOP-04
	S. Aureus-Diluted samples	NQTL/MIC/SOP-12
	S. Aureus-Neat samples	NQTL/MIC/SOP-12
	S. Aureus-Water samples	NQTL/MIC/SOP
	Salmonella spp-Diluted samples	NQTL/MIC/SOP-10
Salmonella spp-Water samples	NQTL/MIC/SOP-09	

NQTL TESTING SCOPE

	Sulfite Reducing Anaerobes-Diluted samples	ISO 15213
	Sulfite Reducing Anaerobes-Neat samples	ISO 15213
	Sulfite Reducing Anaerobes-Water samples	ISO 6461-2
	TC - DILUTED samples	NQTL/MIC/SOP-03
	TC- water samples	NQTL/MIC/SOP-04
	TC-Neat samples	NQTL/MIC/SOP-03
	TVC - Diluted samples	NQTL/MIC/SOP-02
	TVC- NEAT Samples	NQTL/MIC/SOP-02
	TVC-Water	NQTL/MIC/SOP-01
	Y&M - Diluted samples	NQTL/MIC/SOP-06
	Y&M-Neat samples	NQTL/MIC/SOP-05or 07
	Listeria Spp- Diluted samples	ISO 11290-1
	Listeria Spp- Neat samples	ISO 11290-1
	Shigella Spp- Diluted samples	ISO 21567
	Shigella Spp- Neat samples	ISO 21567
	Vibrio ssp - Neat samples	ISO8914
	Vibrio ssp – Diluted samples	ISO8914