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**National Agency for Food and Drug Administration and
Control. (NAFDAC)**

LABORATORY SERVICES DIRECTORATES

SAMPLING GUIDE FOR NAFDAC REGULATED PRODUCTS

NAFDAC-LS—SG-001-01

S/N	TYPE OF PRODUCT	SIZE	1 ST ANALYSIS	RETENTION	SAMPLE TO THE LAB. TOTAL
	PHARMACEUTICALS AND VETERINARY				
1.	Tablets	1 x 1 tab 1 x 3 tabs 1 x 10 tabs 1 x 30 tabs 1 x 100 tabs 1 x 500 tabs 1 x 1000 tabs	104 35 11 4 1 1 1	208 70 21 6 2 1 1	312 105 32 10 3 2 2
2.	Capsules	1 x 1 caps 1 x 3 caps 1 x 10 caps 1 x 30 caps 1 x 100 caps 1 x 500 caps 1 x 1000 caps	74 25 8 3 1 1 1	148 50 16 6 2 1 1	222 75 24 9 3 2 2
3	BOLUS	All sizes	80	70	150
4	Molasses	All sizes	2	1	3
5	Veterinary Powder for Suspension	1x 100 – 200g 1x 300 -400g 1x 500 -750g 1 -2kg	6 4 4 3	4 4 2 2	10 8 6 5

S/N	TYPE OF PRODUCT	SIZE	1 ST ANALYSIS	RETENTION	SAMPLE TO THE LAB. TOTAL
		5kg and above	2	1	3
6	Granules	1 x25 -200 granules 1x 300-400 granules 1x 500-1000granules	6 4 4	4 4 2	10 8 6
7.	Ointment/Creams/Pastes	5 -15 grams 25 grams 50 - 100grams 250grams 500 grams	4 4 6 4 3	8 8 4 4 3	12 12 10 8 6
8.	Syrups/Elixir/Suspensions /Mixtures/Linctus Solution	5 - 30ml 50ml 60ml 100ml 200- 250ml 300 -500ml	5 4 4 4 4 4	10 6 6 6 4 2	15 10 10 10 8 6
9.	Ear/Eye/Nose Drops	Less than 2ml Above 2ml	10 5	10 10	20 15
10.	Mouthwash/Spirit	Less than 5ml 10-50ml 100 -500ml 1litre and above	5 5 3 3	10 5 3 3	15 10 6 6

11.	Infusions	100ml 200ml 500ml 1 Litre 2 Litres – 4 litres	4 4 4 4 4	8 8 8 6 4	12 12 12 10 8
12	Sprays	50ml 100ml 250ml 500ml 1000ml	4 4 4 4 3	8 8 6 4 3	12 12 10 8 6
13	Inhalations and Injectables	200 - 400 actuations 1ml - 5ml Ampoules Above 5ml Ampoules 0.5 – 2gm Vials Above 3g	4 15 10 10 5	8 15 10 5 5	12 30 20 15 10

14.	Lozenges	1 x 1 caps 1 x 3 caps 1 x 10 caps 1 x 30 caps 1 x 100 caps 1 x 500 caps 1 x 1000 caps	74 25 8 3 1 1 1	148 50 16 6 2 1 1	222 75 24 9 3 2 2
15.	Liniments	500gm 1Kg 2Kg	2 1 1	3 2 2	5 3 3
16.	Suppositories/Pastilles	1 x 1 caps 1 x 3 caps 1 x 10 caps 1 x 30 caps 1 x 100 caps 1 x 500 caps 1 x 1000 caps 1 kg 2 kg	74 25 8 3 1 1 1 1 1	148 50 16 6 2 1 1 1 1	222 75 23 8 3 2 2 2 2
17.	Water for Injection	10ml	10	10	20
COSMETICS					
1.	Lotion	All sizes	3	3	6
2.	Perfumes/Deodorants	All sizes	3	3	6
3.	Dusting Powder/Face Powder	All sizes	3	3	6
4.	Disinfectant	50ml /100ml/250ml/500ml/ 1litre 2litres 4-10 litres 20 and above	3 2 2 1	3 3 2	6 5 4 2
5.	Lipsticks	All sizes	3	3	6
6.	Eye liners	All sizes	3	3	6
7.	Creams, Ointments and Pomade	All sizes	3	3	6

8.	Cleaning Agents	10ml -2000ml 4litres -10 litres 20litres and above	3 2 1	3 2 1	6 4 2
9.	Toothpaste and Tooth Brush	100ml 200ml 250ml	3 3 3	3 3 3	6 6 6
10.	Soaps: Laundry Tablet Bar Bathing	All sizes	3	3	6
11.	Detergent	All sizes Except Industrial packaging	3 1	3 1	6 2
12.	Relaxers Unit Pack Kit Relaxers	All sizes	3	3	6
13.	Shampoos	All sizes	3	3	6
14.	Conditions/Activators	All sizes	3	3	6
15.	Hair Fixative (Hair Dye, Hair Spray)	All sizes	3	3	6
16.	Liquid Soap/Detergent/Car wash	All sizes	3	3	6
17.	Air Fresheners	All sizes Bulk Packs	3 1	3 1	6 2
18.	Mouth Wash	All sizes	3	3	6
HERBAL PRODUCTS					
1	Herbal Mixtures /Bitters	5 -60ml 100 – 400ml 500 – 1000ml	4 4 3	8 3 2	12 7 5
2	Herbal Powder / Granules	<50g 50g – 100g 150g – 400g Above 400g	5 4 3 3	5 4 3 2	10 8 6 5
3	Herbal Teas / Bars	All sizes	4	4	8
4	Herbal Balms / Ointment	2gm– 12gm or ml 13gm or ml and above	4 4	8 4	12 8
5	Herbal Lozenges	20 lozenges per pack	4	8	12

6	Herbal Soaps	All sizes	3	3	6
7	Herbal Patches	All sizes	4	4	8
8	Suppositories / Capsules	1 x 1 caps	74	148	222
		1 x 3 caps	25	50	75
		1 x 10 caps	8	16	24
		1 x 30 caps	3	6	9
		1 x 100 caps	1	2	3
		1 x 500 caps	1	1	2
		1 x 1000 caps	1	1	2

FOOD, WATER, FEED AND ALLIED PRODUCTS

S/N	TYPE OF PRODUCT	PACK SIZE	QUANTITY ALLOCATED TO LABORATORY FOR TESTING AND RETENTION
1.	Agric produce: Beans, Egusi, Ogbono, Crayfish	500g-2kg	6
		2.5kg-4kg	4
		5kg	2
		10kg-25kg	1
2.	Alcoholic Beverages	100ml-400ml	12
		500ml – 1.5L	5
3.	Animal fat/Plant fat eg Margarine, Butter	<150g	12
		150g – 400g	5
		>400g	5
		5kg-25kg	1
4.	Baking powder & Yeast	<500g	4
		500g and above	4
5.	Biscuit	<200g	15
		200g and above	5
6.	Bread	>400g	2
		400g and above	3
7.	Cereals (finished) eg Corn flakes, Oats, Custard powder, pap	100g	12
		200g-400g	6
		500g- 1kg	6
		>1kg	5
8.	Chips	50g-100g	15
		150g-300g	12
		400g-2kg	6
9.	Cocoa & Cocoa products, Coffee & Tea	<500g	10
		500g and above	6
10.	Confectioneries	50g-300g	10
		400g-1kg	5

11.	Energy drink, Flavoured drinks, Fruit juices and Nectar, frozen fruit juices	<500ml	8
		500ml-1.5L	6
		2L – 3L	4
12.	Feeds/Fertilizers	<1kg	5
		1kg-5kg	3
		6kg-10kg	1
		> 10kg	1
13.	Fish & product (dried, frozen &canned fish)	< 200g	7
		200g-400g	6
		500g-1kg	5
		>1kg	4
		Frozen fish (carton)	1
14.	Flour	500g- 2kg	6
		2.5kg-4kg	4
		5kg	2
		10kg	1
		25kg	1
15.	Frozen Chips (Potato, Yam, Plantain)	500g-1kg	6
		1.5kg-3kg	4
		4kg-5kg	2
16.	Frozen fruits & vegetables	500g-1kg	6
		1.5kg-3kg	3
		>3kg	2
17.	Honey , Date Syrup	50ml-100ml	10
		150ml-400ml	6
		500ml-2L	4
18.	Infant formula (Milk and Cereal)	<400g	8
		400g and above	6
19.	Mayonnaise, Salad cream, Marmalade, jam	<200g	10
		200g and above	5
20.	Meat & Poultry (frozen and dried)	150g-400g	6
		500g-2kg	5
		2.5kg-3kg	4
		5kg	2
		10kg	1
21.	Milk (liquid)	<200ml	10
		200ml and above	6
22.	Milk (powdered)	< 10g	30
		10 –50g	20
		60g – 100g	20
		200g-500g	5
		800g	4
		2.5kg	2
		25kg (bag)	1
23.	Noodles + Seasoning	Units	20
24.	Pasta, pastries eg Macaroni, Spaghetti, Lasagna	200g- 1kg	6
		2kg	6
25.	Rice	500g-2kg	6

		2.5kg-3kg	4
		4kg-5kg	2
		10kg -25kg	1
26.	Salt	50g	6
		100g – 400g	5
		>500g	4
27.	Seasoning, spices	<10g	20
		10g-50g	10
		>50g	8
28.	Stock fish	Pieces	10
29.	Sugar & Sugar products	< 400g	8
		400g and above	5
		3kg-5kg	3
		25kg – 50kg (bag)	1
30.	Tomato & tomato products	70g tin & sachet	12
		200g – 800g	6
		2.2kg	2
31.	Vegetable oil	< 150ml	15
		150 – 450ml	8
		500ml – 1L	6
		2L	5
		5L	3
		10L	2
		25L	1
32.	Water (Bottle)	50cl-1.5L	12
		3L	6
		19L	1
33.	Water (Sachet)	<60cl (sachet)	20
34.	Yoghurt, Ice cream	< 100ml	20
		100ml and above	8

NOTE:

1. Chips include; Plantain, Potato, Yam, Chin- Chin and other form of chips
2. Confectioneries include; Sweets, Chewing Gum, Candy
3. Flour includes; Wheat, Semovita, Cassava, Yam, Plantain, Beans, Potato
4. Where the pack size is not captured in the guideline, the quantity in the nearest pack size should apply

MEDICAL DEVICES				
S/N	PRODUCT	SIZE	Quantity for analysis	Retention
1.	Blood Collection Tubes	Pack of 12	5	1
		Pack of 50	1	0
2.	Condoms	Unit	70	5

3	Diaphragm	Unit pack	8	2
4	Intrauterine Device	Unit pack	8	2
5.	Diapers and Sanitary Pads	Pack of 2	8	2
		Pack of 10	1	1
		Pack of 40	1	0
		Pack of 100	1	0
6.	Medical Consumables			
	Dialysis needles	Pack of 1	10	5
	Needles	Pack of 100	1	1
	Sutures	Pack of 12	1	1
	Syringes	Pack of 100	1	1
	Examination Gloves	Pack of 50	1	1
	Surgical Gloves	Pack of 50	1	1
	Head Gear	Pack of 50	1	1
	Nose Mask	Pack of 50	1	1
	Menstrual Cup	Pack of 1	8	2
	Feeding Tubes	Pack of 1	5	1
	Drainage tubes	Pack of 5	1	1
	Urine Bag	Pack of 10	1	0
	Infusion & Vein Set	Pack of 50	1	0
	I.V Cannula	Pack of 100	1	0
	Heart Valve	Pack of 1	1	1
	Tracheal Tube	Pack of 1	5	1
	Aspiration Tubes	Pack of 1	6	1
	Catheter	Pack of 10	1	0
	Burettes	Pack of 1	5	1
	Hem Dialysis tube	Pack of 1	2	1
	Absorbable Underlay	Pack of 5	1	1
	Umbilical Cord Clamps	Pack of 50	1	0
	ELISA Test Kits	Unit Pack	2	1
7.	Mechanical Devices+ Strips	Manual	2	1
		Digital	2	1
	Medical Reagents	5ml and above	2	1
	Rapid Diagnostic Kits	Unit pack	2	1
	Strips/Cassettes	10 Strips	13	2
		25 Strips	4	1
		30 Strips	4	1
		50 Strips	2	1
7.	Water for Injection(5ml)	Pack of 10	4	1
		Pack of 50	1	0
8.	Blood Bag	Pack of 5	1	1
9.	Lubricants/Gels (Obstetrics, Condom gel etc.)	20ml	5	1
		50ml	5	1
		100ml	5	1
		250ml	2	1
10.	Ophthalmic Devices			
	Contact Lens	Pack of 1	9	1
	Spears	Pack of 5	1	1

	Intraocular lens	Pack of 1	9	1
11.	Orthopedics			
	Braces and supports	Unit Pack	1	1
	Skin Staplers	Pack of 1	1	1
12.	Sharps			
	Surgical Blade	Pack of 25	1	0
	Lancet	Pack of 100	1	0
13.	Toothbrushes	Unit	10units OR 1 Pack if >10 in a pack	0
14.	Wounds and dressings			
	Gauze	Pack of 1	2	1
		Pack of 12	1	0
	Antibiotic Pads	Pack of 10	1	0
	Adhesive Dressing Pads	Pack of 10	1	0
	Adhesive Plasters	Pack of 100	1	0
		Pack of 10	1	0
		Pack of 5	1	1
	Crepe Bandage	Pack of 12	1	0
	Plaster of Paris (POP)	Pack of 10	1	0
	Cotton Wool	Unit Pack	2	1
15.	Wipes	Pack of 10	4	1
		Pack of 20	1	1
		Pack of 50	1	1
		Pack of 100	1	1
16.	VACCINES/ BIOLOGICS			
	Anti-Snake Venom	10ml	8	1
	Bacillus Calmette Guerin (BCG)	1ml	18	2
		2ml	8	2
	Cerebrospinal Meningitis Vaccine	10ml/vial	8	1
		0.5ml/vial	23	2
	Cholera Vaccine	10ml	8	1
	Diphtheria Tetanus Pertussis (DTP) Vaccine	5ml/vial	10	2
	POLIO: Inactivated Polio Vaccine (IPV) Oral Polio Vaccine (OPV)	1ml	18	2
		2ml	13	2
	Hepatitis Vaccine	0.5ml/vial	23	2
		5ml/vial	10	2
	DT+IPV	0.5ml	23	2
	DTP+IPV	0.5ml	23	2
	Human Papilloma Virus (HPV)	0.5ml	23	2
	Measles Vaccine	5ml/vial	10	2
	Measles, Mumps and Rubella (MMR) Vaccine	0.5ml	23	2
	MMR+ Varicella	0.5ml	23	2
	Rabies vaccine	0.5ml/vial	23	2

		1ml/vial	13	2
	Rotavirus	0.5ml	23	2
	Tetanus Toxoid Vaccine	5ml/vial	7	2
	Typhoid Vaccine	0.5ml/vial	23	2
	Varicella Vaccine	0.5ml	23	2
	Veterinary Vaccine	0.5ml	23	2
		1ml	13	2
		5ml	5	1
		10ml	4	1
		20ml	3	1
		50ml	3	1
		100ml	1	1
	Yellow Fever Vaccine	5ml/vial	10	2
		10ml/vial	8	1
	Polysaccharide Vaccine	0.5ml	23	2
		1ml	13	2
		2ml	10	2
		5ml	10	2
	Enzymes	5ml	10	2
	Erythropoietin	0.5ml	23	2
	Extracts (Lipids/Proteins)	5ml	10	2
		10ml	7	2
	Follicular Stimulating Hormone	1ml	18	2
	Growth Factors	0.5ml	23	2
	Immunoglobins	0.5ml	23	2
	Insulin	3ml	10	2
		10ml	8	1
	Interferon	0.5ml	23	2
	Monoclonal Antibodies	4ml	7	1
		10ml	7	1
	Blood and Blood Products	10ml	8	1
		20ml	3	1
		50ml	3	1
		100ml	1	1

NOTE:

- Where a product is not captured, contact the office of the Directors (Laboratory Services) for necessary directive via; lab.services@nafdac.gov.ng and/or centraldruglab@nafdac.gov.ng

This sampling guide shall be reviewed periodically.

Approved
by

DIRECTOR GENERAL NAFDAC

PROF. MRS. MOJISOLA CHRISTIANAH ADEYEYE

Signature:  Date: 14/2/2022

CHANGE HISTORY & RATIONALE			
Effective Date of superseded Document	Doc. Ref. No	Originator/Reviewer	Reason for Review
	NAFDAC-LS-SG-001-00	Quality Team and the Review Committee set up by the DG	<ol style="list-style-type: none">1. Reviewed to create a retention column2. Reviewed the quantities required for testing.3. Addition of other product types.4. Changed the numbering format.