



National Accreditation Board for Testing and Calibration Laboratories (NABL)

Guidance for Classification of Product Groups in Testing & Calibration Field

ISSUE NO.: 01

ISSUE DATE: 12-Feb-2019

AMENDMENT NO.: 05

AMENDMENT DATE: 31-Dec-2021

AMENDMENT SHEET

Sl.	Page No.	Clause No.	Date of Amendment	Amendment	Reasons	Signature QA Team	Signature Competent Authority
1.	8/65, 16/65	1.1.13, 1.2.12	15.05.2019	Deletion of Pet Foods from Food & Agricultural	Typographical error	-Sd-	-Sd-
2.	65/66 & 66/66	2.7	12.08.2019	Regrouping for Calibration of Medical devices	Internal review to align with other calibration disciplines	-Sd-	-Sd-
3.	28/67	1.3	06.09.2019	Addition of Discipline Diagnostic Radiology QA testing	New Discipline	-Sd-	-Sd-
4.	51/68	1.7.14	16.10.2019	Inclusion of 'Geophysical testing'----- under the existing 'Soil & Rock' group in Mechanical discipline	Introduction of sub-group of Geophysical testing	-Sd-	-Sd-
5.	59/68	1.11		Inclusion of New discipline-'Software & IT System testing'	Start of accreditation for software testing		
6.	-	-	31.12.2021	As highlighted	Internal Review	-Sd-	-Sd-
7.							
8.							
9.							
10.							

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

CONTENTS

Sl.	Title	Page No.
	Introduction	3
1.	Classification of Product Groups for Biological Testing	4
2.	Classification of Product Groups for Chemical Testing	13
3.	Classification of Product Groups for Diagnostic Radiology QA Testing	29
4.	Classification of Product Groups for Electrical Testing	30
5.	Classification of Product Groups for Electronics Testing	39
6.	Classification of Product Groups for Fluid Flow Testing	50
7.	Classification of Product Groups for Forensic Testing	51
8.	Classification of Product Groups for Mechanical Testing	52
9.	Classification of Product Groups for Non-Destructive Testing	62
10.	Classification of Product Groups for Photometry Testing	63
11.	Classification of Product Groups for Radiological Testing	64
12.	Classification of Software & IT System Testing	66
13.	Classification of Product Groups for Electro Technical Calibration	67
14.	Classification of Product Groups for Fluid Flow Calibration	70
15.	Classification of Product Groups for Mechanical Calibration	71
16.	Classification of Product Groups for Optical Calibration	76
17.	Classification of Product Groups for Radiological Calibration	77
18.	Classification of Product Groups for Thermal Calibration	78
19.	Classification of Product Groups for Medical Devices Calibration	79

INTRODUCTION

This is a guidance document which will help laboratories to define its scope as per the recommended classification of product groups across Testing and Calibration fields. Further, this document in no ways implies that NABL grants accreditation for these defined product group(s) only, rather it facilitates the laboratory to categorize its testing/calibration activities & calculation of fees while submission of application towards accreditation.

Note: - Please refer NABL 100 for Fee Structure

National Accreditation Board for Testing and Calibration Laboratories				
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields			
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021	Page No: 9 of 79

1. TESTING FIELD

1.1. BIOLOGICAL DISCIPLINE

(Classification of Product Groups for Biological Testing)

1.1.1. Animal Food & Feed

- Animal Nutrition Supplements
- Aquaculture feed additives
- Aquaculture feed ingredients
- Cotton seed cake
- Fish, Shrimps, Prawn feed
- Groundnut meal
- Guar Meal
- Oil Cake
- Pet Foods
- Poultry feed additives
- Rapeseed Meal
- Others

1.1.2. Antimicrobial activity Products

- Adhesives Glues and Sealant
- Fuels and Oils
- Lubricants
- Packaging Materials
- Paints and surface coatings
- Pulp & Paper
- Soaps & Detergents
- Textiles & Fabrics
- Toys and Other Children's Products
- Water Miscible Products
- Wood & Wooden Products
- Others

1.1.3. AYUSH Products

- Ayurvedic drugs
- Herbal formulations
- Homeopathic Drugs

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

- Siddha Drugs
- Unani Drugs
- Others

1.1.4. Biocides

- Algicides
- Antiseptics
- Bactericides
- Disinfectants
- Fungicides
- Herbicides
- Insecticides
- Sanitizers
- Sporicides
- Viricides
- Weedicides
- Others

1.1.5. Biological Monitoring

- Blood alcohol
- Drugs & Drug Metabolites
- Fluoride
- Interferons
- Others

1.1.6. Biological Tests on Other Miscellaneous Test Items

- Adhesives Glues and Sealant
- Fuels and Oils
- Lubricants
- Packaging Materials
- Paints and surface coatings
- Pulp & Paper
- Soaps & Detergents
- Textiles & Fabrics
- Toys and Other Children's Products

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

- Wood & Wooden Products
- Others

1.1.7. Biologically Derived Pharmaceuticals

- Enzymes
- Growth factors
- Hormones
- Monoclonal Antibodies (MABs)
- Recombinant Proteins
- Single Cell Proteins (SCP)
- Vaccines
- Others

1.1.8. Biopesticides and Biofertilizers

- Others

1.1.9. Cell Culture

- Cell permeability test
- Purity
- Others

1.1.10. Cosmetics & Essential Oil

- Perfumes
- Tooth Paste
- Hygiene products
- Cosmetics

1.1.11. Drugs and Pharmaceuticals

- Antibiotics
- Bioassays of Other Products (Other Than Those Products Mentioned Above)
- Chemotherapeutic Agents
- Drug Intermediates
- Drug Substances (Active Pharmaceuticals Ingredients (API))
- Endotoxins

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

- Filtrable Solutions & Soluble Preparations
- Immunological Products
- Microbial limit test
- Non-Filterable Preparations Including Ointments
- Preservative efficacy
- Pyrogen tests
- Raw Materials
- Sterility tests
- Synthetic Drugs
- Veterinary Drugs
- Others

1.1.12. Pollution & Environment

- Air /surface
- Bio burden Estimation of Classified and non-classified area
- Effluents/Waste water
- Sewage
- Soil
- Solid waste
- Others

1.1.13. Food and Agricultural Products

- Bakery & Confectionery Products
- Beverages (Alcoholic / Non-Alcoholic)
- Canned & Processed Foods
- Cereals, Pulses & Cereal Products
- Coffee & Cocoa Products
- Edible Colors & Flavors
- Edible Oils & Fats
- Edible Salts
- Eggs & Egg Products
- Essential Nutrients Including Vitamins
- Food Additives & Preservatives
- Fruit & Fruit Products
- Gelatin and Other Gums

National Accreditation Board for Testing and Calibration Laboratories				
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields			
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021	Page No. 7 of 79

- Herbs, Spices & Condiments
- Honey & Honey Products
- Infant Foods
- Jams, Juices, Sauces & Concentrates
- Meat & Meat Products
- Milk & Dairy Products (Except Human Milk)
- Natural Waxes
- Nuts & Nut Products
- Oil Seeds & By-Products
- Poultry & Poultry Products
- Snacks and Instant Mixes
- Starch & Starch Products
- Sugar & Sugar Products
- Tea
- Tobacco & Tobacco Products
- Vegetables & Vegetable Products
- Others

1.1.14. Plants

- Plants
- Plants material
- Other

1.1.15. GM Products

- Promoter & Terminator Screening
- Qualitative Detection
- Quantitative Analysis
- Others

1.1.16. Industrial Cultures

- Cultures for baking and brewing
- Dairy Starter Cultures
- Mushroom Spawn
- Probiotics Cultures
- Rhizobial Cultures

National Accreditation Board for Testing and Calibration Laboratories				
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields			
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021	Page No: 9 of 79

- Starter cultures for Effluent Treatment Plant
- Others

1.1.17. Marine /Aqua culture Food Products

- Artemia & Artemia Products
- Crab & Crab Products
- Fish & Fish Products
- Molecular identification of bacterial, fungal, viral pathogens
- Oyster
- Prawn & Prawn Products
- Shrimps
- Others

1.1.18. Medical Accessories & Surgical products

- Blood Bags
- Catheter
- Condoms
- Copper T
- Hypodermic Needles
- Tubal Rings
- Others

1.1.19. Molecular Analysis (Tests for Various Matrices-Human, Plants, Animal, Microbial)

- 16S rDNA sequencing
- Bacterial Mutagenicity Tests
- Bacterial/ fungal/viral Pathogen Detection
- Detection of adulterants
- Fragment Analysis
- Gene Expression /Gene Copy Number
- Genotyping
- Next Gen- Sequencing
- Sister Chromatid Exchange Tests
- Transformation Assays In Cell culture
- Others

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

1.1.20. Nutraceuticals & Functional Foods

- Carotenoids
- Dietary Fibres
- Flavonoids
- Fortified Food
- Phytoestrogens
- Prebiotics
- Probiotics
- Soy Proteins
- Others

1.1.21. Nutritional Supplements

- Others

1.1.22. Plants and Plant Materials

- Identification of Bacterial /Fungal/Viral Pathogens
- Others

1.1.23. Residue Analysis

- Antibiotic residue analysis by micro assay
- Others

1.1.24. Resistance to Microbial Attack

- Electrical Components
- Leather & Leather Products
- Packaging Materials
- Paints and surface coatings
- Textiles and Fabrics
- Timber and Allied Material
- Wood and Wood Products
- Others

1.1.25. Seed Testing

- Germination
- GM Testing

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

- Purity
- Others

1.1.26. Toxicology

- Acute Toxicity (oral, dermal, inhalation)
- Ame's test
- Cytogenetics
- Cytotoxicity
- Eye irritation test
- Mucous membrane irritation test
- Mutagenicity (In -vitro)
- Skin sensitization test
- In vitro studies using cell culture/chick embryos
- Material mediated Pyrogenicity
- Hemolytic properties of material (Hemocompatibility) Implantation (bone, muscle, Subcutaneous)
- Others

Note: -The parameters such as Acute Oral & Acute dermal toxicity on pharmaceuticals products as well as the tests on specific pesticide products shall not be considered for accreditation in accordance with ISO/IEC 17025:2017 as these are the studies on long term basis. However, tests on Medical devices including surgical devices may be considered for accreditation as per ISO/IEC 17025:2017. Institutional Animal Ethical Committee (IAEC) approval for acute studies (Systemic Toxicity Studies) is mandatory.

1.1.27. Veterinary Testing

- Specified tests in biochemistry, Haematology, cytopathology, histopathology, serology, parasitology
- Others

1.1.28. Water

- Distilled /Demineralized Water
- Drinking Water
- Ground Water/ Surface Water
- Packaged Drinking Water
- Packaged Natural Mineral Water

National Accreditation Board for Testing and Calibration Laboratories				
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields			
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021	Page No. 11 of 19

- Water for Construction Purpose
- Water for industrial purpose
- Water for Medicinal Purposes
- Water for Processed Food Industry
- Water for Swimming Pool and Spas
- Water Purifiers
- Others

1.1.29. Wild Life Forensic

- Others

1.1.30. Miscellaneous

National Accreditation Board for Testing and Calibration Laboratories				
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields			
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021	Page No. 12 of 19

1.2. CHEMICAL DISCIPLINE

(Classification of Product Groups for Chemical Testing)

1.2.1. Adhesives

- Glues
- Natural gums
- Physical Properties
- Polymer based adhesives (Synthetic)
- Starch based adhesives
- Others

1.2.2. Animal Food & Feeds

- Animal Nutrition Supplements
- Aquaculture feed additives
- Aquaculture feed ingredients
- Cotton seed cake
- Fish, Shrimps, Prawn feed
- Groundnut meal
- Guar Meal
- Oil Cake
- Pet Foods
- Poultry feed additives
- Rapeseed Meal
- Others

1.2.3. Atmospheric Pollution

- Ambient air
- Ambient Noise Levels (Excluding vibration)
- Fugitive emission
- Meteorological Parameters
- Process/Vent Emissions
- Source Noise Levels (Excluding vibration) Particular Source to be specified
- Stack emission
- Vehicle emission
- Work Environment and Indoor Air Quality
- Others

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

1.2.4. AYUSH Products

- Ayurvedic drugs
- Herbal formulations
- Homeopathic Drugs
- Siddha Drugs
- Unani Drugs
- Others

1.2.5. Building Material

- Aggregates
- Bitumen& asphalts
- Bricks & pre-casted blocks
- Cement
- Ceramics
- Concrete
- Construction chemicals
- Fly ash
- Gypsum & its products
- Lime
- Mortars
- Pozzolanic materials
- Refractory materials
- Sand
- Water-proofing compounds
- Others

1.2.6. Corrosion tests

- Dezincification Tests
- Salt Spray Tests
- Other

1.2.7. Cosmetics & Essential Oils

- Aromatic chemicals
- Cosmetics
- Essential oils and other natural fragrant raw materials

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

- Fragrances and Indian attars
- Herbal based cosmetics
- Intermediates and miscellaneous chemicals for cosmetics
- Synthetic essential oils
- Others

1.2.8. Drugs & Pharmaceuticals

- Capsules
- Chemical Methods
- Creams
- Drug Substance (API)
- Drops
- Gels
- Hormones
- Ointment
- Oral Liquids
- Oral Powders
- Parenteral Preparations
- Pharmaceutical Aid (Raw material except API)
- Physical and Physiological Methods
- Tablets
- Vitamins
- Others

1.2.9. Explosives & Pyrotechnics

- Ammunitions
- Explosive chemicals & allied materials
- Industrial explosives & associated materials
- Physical Properties
- Pyrotechnics
- Others

National Accreditation Board for Testing and Calibration Laboratories				
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields			
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021	Page No. 15 of 19

1.2.10. Fertilizers

- Bio-Fertilizer
- Fertilizer Mixtures
- Fortified Fertilizers
- Macronutrients
- Micronutrients
- Nitrogenous Fertilizers
- Phosphatic Fertilizers
- Potassic Fertilizers
- Others

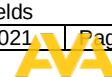
1.2.11. Fire Fighting Equipment's& Accessories

- Aqueous film forming foam concentrates
- Dry Chemical Powder
- Foam Concentrates
- Others

1.2.12. Food & Agricultural products

- Bakery & confectionery products
- Beverages (Alcoholic / Non-alcoholic)
- Canned & processed foods
- Cereals, pulses & cereal products
- Coconut and coconut products/Natural Plant Derivatives/Products
- Coffee & cocoa products
- Edible colors & flavors
- Edible oils & fats
- Food additives & preservatives
- Fruit & fruit products
- Herbs, spices & condiments
- Honey & honey products
- Infant food
- Jams, juices, sauces & concentrates
- Meat & meat products
- Milk & dairy products (except Human Milk)
- Natural waxes

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021



- Nuts & nut products
- Oil seeds & by-products
- Poultry & poultry products
- Starch & starch products
- Sugar & sugar products
- Tea
- Tobacco & tobacco products
- Vegetables & vegetable products
- Others

1.2.13. Plants

- Plants
- Plants material
- Other

1.2.14. Gases

- Compressed Natural Gas (CNG)/ Piped Natural Gas (PNG)
- Gases for medical use and diving
- Industrial Gases
- Liquefied Gases
- Reference Gases & Mixtures
- Others

1.2.15. Glass

- Clear glass
- Laminated Glass
- Reflective Glass
- Stain Glass
- Textured or pattern glass
- Tinted glass
- Wired Glass
- Others

1.2.16. Hazardous & Restricted Chemicals

- Automatic dispensers
- Computing & communications equipment
- Consumer electronics

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

- Large household appliances
- Leather products
- Lighting: lamps, lighting fixtures, light bulbs
- Paints
- Plastics & other polymeric products
- Power tools
- Prints
- Small household appliances
- Textile & Textile products
- Toys and sports equipment
- Zippers
- Others

1.2.17. Industrial & Fine Chemicals

- Alcohols & Alcohols based Chemical
- Bleaching Earth / Activated Bleaching Earth
- Chemical used in Rubber Industry
- Chemical used in Textile Industry
- Chemicals used in Agriculture
- Chemicals used in Electronic industry
- Chemicals used in Leather Industry
- Chemicals used in Photographic Industry
- Chemicals used in Refrigeration industry
- Disinfectants
- Electroplating Chemicals
- Inorganic Chemicals
- Organic Chemicals
- Others

1.2.18. Inks, dyes & pigments

- Duplicating inks
- Dye intermediates
- Inorganic pigment powder & pastes
- Natural dyes & colouring materials
- Organic pigment powder & pastes

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

- Printing inks
- Synthetic dyes
- Writing inks
- Others

1.2.19. Lac & Lac products

- Lac
- Lac products
- Others

1.2.20. Leather

- Finished leather
- Leather accessories
- Leather products
- Semi-finished leather
- Synthetic leather
- Others

1.2.21. Lubricants

- Aviation lubricants
- Insulation oils
- Lubricant additives
- Microcrystalline wax
- Oils & greases
- Solid lubricants
- Others

1.2.22. Marine /Aqua culture Food Products

- Artemia & Artemia Products
- Crab & Crab Products
- Fish & Fish Products
- Oyster
- Prawn & Prawn Products
- Shrimps
- Others

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

1.2.23. Metallic coatings & treatment solutions

- Anodizing solutions
- Conversion coatings
- Metal finishing materials
- Metallic coatings
- Plating solutions
- Others

1.2.24. Metals & Alloys

- Alloy steel
- Aluminum & its alloys
- Amalgam
- Carbon Steel (low carbon, medium carbon & high carbon steel)
- Chromium & its alloys
- Cobalt & its alloys
- Copper & its alloys
- Ferro-alloys
- Ferro-alloys
- Lead & lead alloys
- Magnesium & its alloys
- Nickel & its alloys
- Others
- Precious metals
- Rare earth alloys
- Special Steel
- Stainless steel
- Tin and tin alloys
- Titanium & titanium alloys
- Tool steel
- Tungsten & its alloys
- Zinc & Zinc alloys
- Others

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

1.2.25. Nutraceuticals & Functional Foods

- Carotenoids
- Dietary Fibers
- Flavonoids
- Fortified Food
- Phytoestrogens
- Prebiotics
- Probiotics
- Soy Proteins
- Others

1.2.26. Nutritional Supplements

- Others

1.2.27. Ores & Minerals

- Alkali Metal Ores
- Aluminum Ores
- Barium ore
- Chromium ores
- Cobalt ore
- Copper ores
- Gem & semi-precious stones
- Geochemical samples for trace elements
- Gypsum
- Iron ores
- Lead ores
- Limestone & dolomite
- Manganese ores
- Mercury
- Mercury ore
- Mineral for insulation materials
- Mineral for refractories
- Mineral sands
- Minor elements
- Molybdenum Ores

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

- Nickel ores
- Precious metals ores
- Radioactive metals ores
- Rare metals ores
- Rock phosphate
- Silica sands
- Tin ores
- Titanium ores
- Tungsten ores
- Zinc ores
- Others

1.2.28. Paints & Surface Coating

- Drying oils
- Gums, driers & paint removers
- Paints & enamels
- Physical Properties
- Pigments & extenders
- Polishes
- Powder coatings
- Resin coatings
- Solvents & thinners
- Varnishes
- Others

1.2.29. Paper and Pulp

- Composite packing material
- Newsprint and board packing material
- Paper
- Paper board
- Pulp
- Pulpwood
- Others

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

1.2.30. Pesticide Formulations

- Aqueous Capsule Suspensions (CS)
- Aqueous Suspension Concentrates (SC)
- Aqueous Suspo-Emulsions (SE)
- Dispersible Concentrates (DC)
- Dustable Powders (DP)
- Emulsifiable Powders (EP)
- Emulsifiable Concentrates (EC)
- Emulsifiable Granules (EG)
- Emulsions for Seed Treatment (ES)
- Emulsions, Oil in Water (EW)
- Granules (GR)
- Liquid Vaporizers (LV)
- Long lasting insecticidal NETS or NETTING(LN)
- Micro- Emulsions (ME)
- Mixed Formulations of CS and EW(ZW)
- Mixed Formulations of CS and EW(ZW)
- Mixed Formulations of CS and SC(ZC)
- Mosquito Coils (MC)
- Oil based Suspension Concentrates (OD)(Oil Dispersion)
- Oil Miscible Liquids (OL)
- Powders for Dry Seed Treatment (DS)
- Soluble Concentrates (SL)
- Solutions for Seed treatment (LS)
- Suspension Concentrates for Seed Treatment (FS)
- Tablets for Direct Application (DT)
- Technical Concentrates (TK)
- Ultra-Low Volume Liquids (UL)
- Vaporizing Mats (MV)
- Water Dispersible Granules (WG)
- Water Dispersible Powders for Slurry Seed Treatment (WS)
- Water Dispersible Tablets (WT)
- Water Soluble Granules (SG)
- Water Soluble Powders (SP)
- Water Soluble Powders for Seed Treatment (SS)

National Accreditation Board for Testing and Calibration Laboratories			
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields		
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021

- Water Soluble tablets (ST)
- Wettable Powders (WP)
- Others

1.2.31. Petroleum and Products

- Aviation fuels
- Crude petroleum
- Liquefied / compressed gases
- Petrochemicals, Petroleum solvents
- Petroleum additives
- Petroleum feed stocks
- Petroleum products
- Waxes and jellies
- Others

1.2.32. Plastic & Resins

- Plastic films
- Plastics & polymers
- Raw materials
- Resin
- Others

1.2.33. Pollution & Environment

- Effluents toxicity (Bioassay only qualitative- 90% survival of fish after 96 hours in 100 percent effluent)
- Municipal Solid wastes
- Soil/ Sediments
- Used/ Waste oil
- Waste Water (Effluents/Sewage)
- Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)
- Others

1.2.34. Residues and contaminants in Food and Agricultural Products

- Antibiotics
- Chlorinated dioxins & dibenzofurans

National Accreditation Board for Testing and Calibration Laboratories				
Doc. No: NABL 120	Guidance for Classification of Product Groups in Testing and Calibration Fields			
Issue No: 01	Issue Date: 12-Feb-2019	Amend No: 05	Amend Date: 31-Dec-2021	Page No. 24 of 79