

Date: 30-Jun-23

To,

The Environmental Officer,
Karnataka State Pollution Control Board,
Regional Office: Anekal region
Nisarga Bhavan, Basaveshwaranagar
Bangalore – 560 010

Dear Sir,

Subject: Submission of Hazardous waste Annual returns in form -4 from Apotex research pvt ltd plot No.2, 4th phase, Bommasandra industrial area, Jigani link road, Bangalore-560 099

Reference: Section 6(5) of Hazardous and other wastes (Management & Transboundary movement) Rules-2016

Find the enclosures herewith the hazardous waste annual returns for the year 2022-23 in Form -4.

Kindly acknowledge the receipt of the same

Thanking you

For Apotex Research pvt Ltd



FORM-4

[See rules 6(5), 13(8), 16(6) and 20(2)]

FORM FOR FILING ANNUAL RETURNS BY THE OCCUPIER OR OPERATOR OF THE FACILITY

[To be submitted by the occupier/operator of disposal facility to state pollution control board/pollution control committee by 30th June of every year for the preceding period of April 2022 to March 2023.]

1	Name and address of the generator of facility	Apotex research pvt. ltd, Plot-2, IV-Phase, Jigani link road. Bommasandra Industrial area. Bangalore-560099.
2	Authorization No. & Date Of issue	335081 dated 21-12-2022
3	Name of the authorized person and full address with telephone and fax number & email.	Mr. PARAMESWARAN. P S Site Head. Apotex research pvt, ltd, Plot-2, IV-Phase, Jigani link road. Bommasandra Industrial area, Bangalore-560099.
4	Production during the year (Product wise) wherever applicable	Bio equivalence and Bio availability study center

PART-A: TO BE FILLED BY HAZARDOUS WASTE GENERATOR

1 Total quantity of waste generated category wise					
Quantity of hazardous & Other waste (in MTA)	Type of hazardous waste		Quantity (KL/MT)		
			Authorized	Generated	
	Used Spent Oil		0.492 MT	0.4 MT	
	Untreated cork and wood waste		0.6 MT	NIL	
	Chemical Sludge from Wastewater Treatment		2.0 MT	1.83MT	
	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes		2.5 MT	0.5 MT	
	Wastes Residues Containing Oil		0.1MT	0.0035MT	
	Glass wastes in non-dispersible form		0.7 MT	0.5 MT	
	Wastes containing principally organic constituents, which may contain metals and inorganic materials		0.0MT	NIL	
	Paper, paperboard and paper product wastes		4.5 MT	2.5 NIL	
Metal and metal-alloy wastes		0.1 MT	0.05 MT		
Off specification products		2.0 MT	1.917MT		
2 Quantity dispatched					
		Name & address of consignee	Type of Hazardous Waste	Category No.	Quantity (MT)
I. TO Facility		Ganapathy refineries	Used Spent Oil	I 5.1	0.2
		NV Trading	Untreated cork and wood waste	III B3050	NIL

APOTEX

Ramky	Chemical Sludge from Wastewater Treatment	I 35.3	1.83
NV Trading	Empty barrels/containers/liners	I 33.1	NIL
E nano Incintech	Wastes Residues Containing Oil	I 5.2	0.0035
NV Trading	Glass wastes in non-dispersible form	III B2020	NIL
NV Trading	Wastes containing principally organic constituents, which may contain metals and inorganic materials	III B3	NIL
NV Trading	Paper, paperboard and paper product wastes	III DB3020	NIL
NV trading	Metal and metal-alloy wastes	III DB1010	NIL
E nano Incintech	Off specification products	28.4	1.917
Others	NA	NA	NA

3 Quantity Utilized In-house if any- **NIL**

3 Quantity in storage at the end of the year -31-MAR-2023			
Quantity of hazardous & Other waste (in MTA)	Type of hazardous waste	Quantity (MT)	
		Authorized	At stock
	Used Spent Oil	0.492 MT	0.2
	Untreated cork and wood waste	0.6 MT	NIL
	Chemical Sludge from Wastewater Treatment	2.0 MT	NIL
	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	2.5 MT	0.005
	Wastes Residues Containing Oil	0.1MT	NIL
	Glass wastes in non-dispersible form	0.7 MT	NIL
	Wastes containing principally organic constituents, which may contain metals and inorganic materials	0.0MT	NIL
	Paper, paperboard and paper product wastes	4.5 MT	NIL
	Metal and metal-alloy wastes	0.1 MT	0.05
	Off specification products	2.0 MT	NIL

Date:30-Jun-23

Place: Bangalore

Signature of the occupier or operator of the facility



Apotex Research Pvt Ltd

Plot No.2 Bommasandra Industrial area, 4th phase, Jgani link road, Bangalore-560099

Sl No.	Description of hazardous Waste	Category	Authorized Quantity (MT)	Opening Stock as on 01.04.2022	Generated Quantity for FY 2022-23	Disposed quantity for FY 2022-23	Closing Stock as on 31.03.2023	Receivers name
Hazardous Waste								
1	Used spent oil	I 5.1	0.492	0.2	0.4	0.2	0.2	M/s Ganapati refineries
2	Waste residues containing Oil	I 5.2	0.1	0.003	0.0005	0.0035	0	E nano Incintech
3	ETP Sludge	I 35.3	2	1.2	0.63	1.83	0	Ramky
4	Empty barrels/containers/liners contaminated with hazardous chemicals wastes	I 33.1	2.5	0.0045	0.0005	0	0.005	NV Trading Co
5	Off Specification products	28.3/28.4	2	0.1	1.827	1.927	0	E nano Incintech
Other Waste								
1	Glass wastes in non-dispersible form	III B2020	0.7	0.2	0.3	0.5	0	NV Trading Co
2	Paper, paperboard and paper product wastes	III DB3020	4.5	0.3	1.7	2	0	NV Trading Co
3	Metal and metal-alloy wastes	III DB1010	0.1	0	0.05	0	0.05	NV Trading Co
4	Untreated cork and wood waste	III B3050	0.6	0	0	0	0	NA
Total			12.992	2.0075	4.908	6.4605	0.255	

Note: All quantities are measured in Metric tons



Authorized Signatory
 Signature
 EHS



TC-6172

(UNIT OF MINERAL ENGINEERING SERVICES)

Accredited by NABL (TC-6172) Recognised by BIS, FSSAI, ISO:45001:2018 Certified Laboratory
MoEFCC(CPCB) under E(P) Act 1986 recognition valid upto 23.05.2025

TEST REPORT

Page No. 1/1

Issued To: M/s.Apotex Research Pvt Ltd (BEC)
Plot No.2, Bommasandra Industrial Area,
Jigani Link Road,
Bangalore-560099. Karnataka

Report No.: ED003123062/A
Issue Date : 14/06/2023
Your ref. : LETTER
Ref.Date : 06/06/2023

Sample Name : Soil (Garden Area)
Sample quantity : 2Kg
Date of sample receipt : 07/06/2023
Date of Commencement of testing : 08/06/2023
Date of Completion of testing : 12/06/2023
Sample collected by : Environmental Laboratory Representative
Condition of the sample : Satisfactory
Lab Code : ED/23/06/2-0031

TEST RESULTS

Sl. No.	Test Parameters	Results	Test Method
1	pH	8.01	IS:2720 P-26) 2015
2	Conductivity ($\mu\text{s}/\text{cm}$)	396.0	IS:14767 2016
3	Phosphorous as P (mg/kg)	324.72	SOP/C/S-08
4	Potassium as K, (mg/kg)	192.92	SOP/C/S-04
5	Calcium as Ca (mg/kg)	40.68	SOP/C/S-07
6	Magnesium as Mg (mg/kg)	24.80	SOP/C/S-07
7	Sodium as Na (mg/kg)	53.44	SOP/C/S-03
8	Chloride as Cl (mg/kg)	301.41	SOP/C/S-05
9	Sulphate as SO_4 (mg/kg)	13.59	IS:2720 (P-27) 2015
10	Chromium as Cr (mg/kg)	<5	SOP/C/S-10
11	Cadmium as Cd (mg/kg)	<2.5	SOP/C/S-10
12	Zinc as Zn (mg/kg)	<5	SOP/C/S-10
13	Nickel as Ni (mg/kg)	<5	SOP/C/S-10
14	Copper as Cu (mg/kg)	<2.5	SOP/C/S-10
15	Lead as Pb (mg/kg)	<2.5	SOP/C/S-10
16	Ammonical Nitrogen as N (mg/kg)	29.10	SOP/C/S-11
17	Moisture (%)	7.33	IS:2720 (P-2) 2015
18	Total Kjeldhal Nitrogen as N (mg/kg)	652.40	SOP/C/S-12



Signature
Dr. J. Kousar
Govt. Analyst / Authorised Signatory



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