



GOVERNMENT OF THE PUNJAB
OFFICE OF THE DEPUTY DIRECTOR (LAB)
ENVIRONMENTAL PROTECTION AGENCY, PUNJAB
National Hockey Stadium, Lahore



Memo No. DD (Lab)/EPA/LHR/F-RO (LW) 381 /2023 09

Dated: 02/06/2023

Received
21/6/23


To

Muhammad Usman Sheikh (C.E.O/ Owner),
M/S Marhaba Food Industry,
Plot No. 427-B, Sundar Industrial Estate, Lahore.

Subject: **ANALYSIS REPORT**

Please refer to your application dated 27-04-2023 and consequent visit of laboratory staff of your factory on dated 15-05-2023.

Please find enclosed herewith analysis report of the wastewater sample of M/S Marhaba Food Industry, Plot No. 427-B, Sundar Industrial Estate, Lahore collected by EPA Lab. team at your request.


(MUHAMMAD NADEEM)
RESEARCH OFFICER
(AUTHORIZED PERSON)

A copy is forwarded for necessary action to:-

1. PA to Director General, EPA Punjab, Lahore.
2. The Deputy Director (Env.), District Lahore.



PUNJAB ENVIRONMENTAL PROTECTION AGENCY



CENTRAL LABORATORY

Gate No. 08, National Hockey Stadium, Lahore

Ph-042-99231854

SUBJECT: SITE MONITORING REPORT (SMR) / CHEMICAL ANALYSIS TEST REPORT M/S MARHABA FOOD INDUSTRY, PLOT NO. 427-B, SUNDAR INDUSTRIAL ESTATE, LAHORE.

Name of Unit	M/S Marhaba Food Industry.								
Address	Plot No. 427-B, Sundar Industrial Estate, Lahore.								
Type of sample:	Grab								
Sampling Point	From outlet of ETP.								
Treatment Facility	Chemical and Bacteriological Treatment								
Process involved	Washing								
Capacity Of Wastewater Treatment Plant	3000 Ltr./ Hour								
Waste water discharge	1200 Ltr./Hour								
Longitude, Latitude	74.167356, 31.279203								
Sampling date	24-05-2023								
Sample Receiving Date In Lab.	24-05-2023								
Sample Bearing No.	WW-11-B-May-2023								
Sample I-D	WW-40-May-2023								
Collected By	Mr. Nadeem Iqbal Shami Research Assistant EPA Lab. Lahore.								
Tested Parameter	pH	BOD	COD	TDS	TSS	Cl ⁻	SO ₄ ⁻²	Sulfide	Remarks
PEQS	6 - 9	80	150	3500	200	1000	600	01	-
M/S Marhaba Food Industry, Plot No. 427-B, Sundar Industrial Estate, Lahore. (Before Treatment.)	7.4	168	348	1605	230	240	244	0.0	PEQS not Applicable
M/S Marhaba Food Industry, Plot No. 427-B, Sundar Industrial Estate, Lahore. (After Treatment.)	7.2	56	128	1070	25	105	108	0.0	The parameters analyzed are within PEQS Limits.

Purpose of Sampling: – To check the efficiency of Treatment Plant under DLI-3.

SMWW: Standard Methods for the Examination of Water and Wastewater 21st Edition, American Public Health Association, American Water Works Association, Water Environment Federation USA (2005)

PEQS: Punjab Environmental Quality Standards

Measuring / Testing Methods: pH by SMWW 4500 H⁺ B, Biological Oxygen Demand (BOD) by SMWW 5210 B, Chemical Oxygen Demand (COD) by SMWW 5220 B, Total Dissolved Solids (TDS) by SMWW 2540C, Total Suspended Solids (TSS) by SMWW 2540 D, Chloride (Cl⁻) by SMWW 4500 Cl⁻ B, Sulphate (SO₄⁻²) by SMWW 4500 SO₄⁻² B

Report Prepared By:

Research Officer (LW):



Dated: 02 / 06 /2023

FORM D

[See rule 10(3)]

CERTIFICATE OF TEST OR ANALYSIS

I hereby certify that: -

- 1) This Laboratory had been granted certification as an Environmental Laboratory under the Pakistan Environmental Protection Agency (Certification of Environmental Laboratories) Regulations, 2000.
- 2) A parcel bearing No. WW-11-B-May-2023 Said to contain a sample of

M/S Marhaba Food Industry, Plot No. 427-B, Sundar Industrial Estate, Lahore.

was received in this laboratory on 24 / 05 / 2023 at 03.00 PM

Dispatched by: Mr. Nadeem Iqbal Shami Research Assistant EPA Lab. Lahore.

By ~~post~~ / ~~courier~~ / personal delivery.

- 3) The seals of the parcel were compared with the seal impression received separately and were found to match / ~~not match~~.
- 4) The seals on the parcel were intact / ~~broken~~.
- 5) The seals were opened in my presence and the sample was found fit / ~~not fit~~ for test / analysis.
- 6) Following test / analysis were carried out.

Waste water analysis for pH, BOD₅, COD, TDS, TSS, Chloride, Sulphate and Sulfide.

- 7) I declare results of the test / analysis as Follows: -

The parameter analyzed are with in PEQS Limits subject to operation of chemical and bacteriological treatment.

Pursuant to the above results, I am of the opinion that the sample does/~~does not~~ conform to the Punjab Environmental Quality Standards, and that: -


Chief Analyst

Central Laboratory, EPA Punjab

Gate No. 08, National Hockey Stadium,
Lahore.