



বাংলাদেশ প্রকৌশল বিশ্ববিদ্যালয়
ঢাকা

বাংলাদেশ প্রকৌশল বিশ্ববিদ্যালয়

Serial No.: CHEM 25-26/21

Date- 25 November 2025

TEST REPORT

Sample Provider : Executive Engineer, Dasherbandi
Sewerage Treatment Plant, Aftabnagar,
Khilgaon, Dhaka.

Date- 28 October 2025

Provider Ref. No. : 46.113.637.00.00.010.2024/437

Date- 28 October 2025

BUET BRTC Ref. No. : 1103-66913/Chem/25-26

Date- 23 November 2025

Analysis Result:

Sample Name	Parameters Determined	Value Obtained
Cationic Polyacrylamide (PAM) Flocculent	Generic Name	Cationic Polyacrylamide Flocculent
	Appearance	Solid, White, Granular Powder
	Charge Type	Cationic
	Viscosity (0.1% Solution)	4.44 cP
	Approximate Bulk Density	0.78 g/cm ³
	Solubility in Water	Miscible with water
	Dissolving Time in Water (1 gm/L.)	54 minutes
	Solid Content	94.10%

Remarks: Obtained results are reported based on the supplied sample.

Signature of Analyst:

Dr. Md. Nurnobi Rashed
Assistant Professor
Department of Chemistry
BUET, Dhaka-1000



BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY, DHAKA-1000, BANGLADESH.

FAX : 880-2-58613046, 880-2-9665622, Telephone : 880-2-55167100, 880-2-55167228-57.

E-mail : regtr@regtr.buet.ac.bd



Head of The Department
Department of Chemistry
BUET, Dhaka.

বাংলাদেশ প্রকৌশল বিশ্ববিদ্যালয়, ঢাকা-১০০০
Bangladesh University Of Engineering & Technology
Dhaka-1000, Bangladesh
Tele : 880-2-55167228-57, Fax : 880-2-58613046
Web Site : www.buet.ac.bd

BRE No: 66913 (Chem/25-26

To
Executive Engineer,
Dharmakandi Sewerage
Treatment Plant,
Atkhongar Khilgaon,
Dhaka.