



BUREAU OF RESEARCH, TESTING AND CONSULTATION (BRTC)
Department of Chemistry
Chittagong University of Engineering and Technology (CUET)
Chattogram-4349, Bangladesh

TEST REPORT

Test Report No. : CUET/CHEM/2026/050D

Sample Tag No. : 727916

Name of Section : Section-8(C)

B/E No. & Date : C-455654, Date: 05/03/2026



Date of Report Delivery: 16/03/2026

Sample Received on : 15/03/2026

Sample: 01 Bag (Sealed Condition)

Declared Commodity Name as per Invoice/MSDS: **SODIUM SULPHATE ANHYDROUS 99% MIN**

Ref. file No. & Date: ০৫/কা:হা:চট্ট:/সেকশন-৮(সি)/৬০২/শুক্রায়ন/২০২৬/২০০৩৭ (কাস); তারিখ: ১৫/০৩/২০২৬ খ্রিঃ

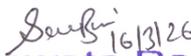
TEST RESULTS

SN	Parameters	Descriptions
1	Method of test/analysis:	Physical, chemical and spectroscopic.
2	Physical properties	Physical state : Crystalline solid Colour : White Odour : Odourless Solubility : Soluble in water Melting point : > 350°C Specific gravity : > 1
3	Chemical and spectroscopic analysis	Sodium ion (Na ⁺) test : Positive (+ve) Sulphate ion (SO ₄ ²⁻) test : Positive (+ve) Chloride ion (Cl ⁻) test : Trace amount Hydrate test : Negative (-ve)
4	Chemical name	Chemical name of the sample is Sodium Sulphate Anhydrous (Na₂SO₄) .
5	Probable uses of the product	<i>It is used in various industries like glass, pulp and paper, leather, soap, textile, detergent, battery, ceramic and chemical manufacturing.</i>
6	Note (if any)	Disodium sulphate, Sodium sulfate and Sodium sulphate anhydrous are the same products having molecular formula Na₂SO₄ . Glauber's salt, also known as Mirabilite is a hydrous sodium sulphate having molecular formula Na₂SO₄.10H₂O .

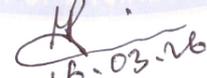
Responses to queries:

1. The sample is **Sodium Sulphate Anhydrous**.
2. It is neither Glauber salt nor Table Salt (Salt Sodium Chloride).
3. Comments: N/A

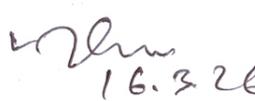
Test conducted by


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Checked by


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Countersigned by


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Note: Any complain about sample / test report will not be acceptable after one month from the date of report delivery.