



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/2026/042C

Sample Tag No. : 724362

Name of Section : Section-8(D)

B/E No. & Date : C-385370, Date: 23/02/2026



Date of Report Delivery: 04/03/2026

Sample Received on : 03/03/2026

Sample: 01 Bag (Sealed Condition)

Declared Commodity Name as per Invoice/MSDS: SODIUM META BISULPHITE

Ref. file No. & Date: ০৫/কা:হা:চট/সেকশন-৮(ডি)/৪২২/স্কাইন/২০২৬/১৬৭০০ (কাস);

তারিখ: ০৩/০৩/২০২৬ খ্রিঃ

TEST RESULTS

SN	Parameters	Descriptions
1	Method of test/analysis:	Physical, chemical and spectroscopic.
2	Physical properties	Physical state : Crystalline solid Melting point : > 350°C Colour : White Specific gravity : > 1 Odour : Odourless Solubility : Soluble in water
3	Chemical and spectroscopic analysis	Sodium ion (Na ⁺) test : Positive (+ve) Sulphate ion (SO ₄ ²⁻) test : Positive (+ve) Metabisulphite ion (S ₂ O ₅ ²⁻) test : Positive (+ve) Chloride ion (Cl ⁻) test : Trace amount
4	Chemical name	Chemical name of the sample is Sodium Metabisulphite (Na ₂ S ₂ O ₅).
5	Probable uses of the product	It is used as an antioxidant agent in many pharmaceutical formulations. It is extensively used as a food preservative and disinfectant. It is also used in readymade garments for washing purpose.
6	Note (if any)	Sodium Metabisulphite is a salt and having molecular formula Na ₂ S ₂ O ₅ .

Responses to quarries:

1. The supplied sample is Sodium Meta Bisulphite.
2. It is not Table Salt (Salt Sodium Chloride).
3. Comment: N/A

Test conducted by

4/3/26

Dr. Saswata Rabi
Associate Professor
Department of Chemistry
Chittagong University of Engineering & Technology
Chattogram-4349, Bangladesh.

Checked by

04.03.26

Dr. Md. Rezaul Karim
Professor
Department of Chemistry
Chittagong University of Engineering & Technology
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Countersigned by

04.03.26

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