

SULPHITE

Determination of Sulphite Range 20 - 150ppm (as Na_2SO_3)

Notes	Health & Safety
Please read before proceeding with the test.	Refer to R & S phrases on individual bottles.
When performing the test hold the dropper bottles exactly upside down and allow drops to form slowly and fall off under their own weight.	Wear protective gloves and safety goggles when performing any tests using corrosive, harmful or irritant reagents.
Do not shake off drops as this will affect the accuracy of the test.	Do not ingest.

Take 20ml of cooled sample.	Add 1 heaped blade of S1 Powder or 1 Sulphite No.1 Tab (crush) and mix gently.	Add drops of S2 one drop at a time with gentle mixing.	To permanent Pale Blue. Count number of drops used.
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Colours may vary depending on sample and test conditions.

Sodium Sulphite ppm (as Na_2SO_3) = Drops of S2 x 5

ppm = mg/l

Notes

1) Catalysed sulphite reacts quickly with atmospheric oxygen when hot so the sample should be cooled during collection with the minimum of contact with air.

Do not leave the sample standing it should be tested immediately after it has cooled.

Care should be taken when obtaining samples.

Samples should only be taken using a sample cooler that cools the sample to below 30°C.

2) Ignore any undissolved material after powder/tablet addition.

3) For concentrations of Sodium Sulphite above 150ppm take a 10ml sample and adjust the factor to 10 so that each drop of S2 = 10ppm.