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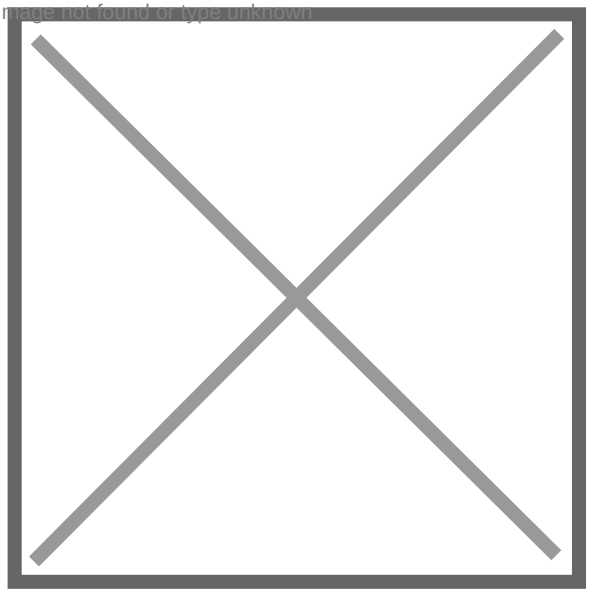
Product Name :

Ammonium Oxalate

Product Code :

SCL364/084

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Description :

Ammonium Oxalate is a white crystalline salt, listed as an analytical reagent and packed in 500 gm with an MSDS. A few drops of its solution reveal calcium in a sample as a white precipitate of calcium oxalate. Microbiology classes also dissolve it with crystal violet to make the primary stain for the Gram method.

Ammonium oxalate grade and pack

Parameter	Detail
Product	Ammonium Oxalate
Form	White crystalline salt
Pack size	500 gm
Grade (as listed)	Analytical reagent
Documentation	Supplied with MSDS
Product code	SCL364/084
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Supplied by	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Calcium tests and stain making with ammonium oxalate

Calcium in water samples. Pour equal depths of tap water, well water and distilled water into separate test tubes and add a few drops of ammonium oxalate solution to each. A white cloudiness marks calcium. Hold the tubes against a dark card and rank the samples by how cloudy they turn.

Calcium in milk whey. Stir a little dilute acetic acid into milk until the curd separates, then filter the whey through Whatman's filter paper in a glass funnel. Add the reagent to the clear filtrate. A white precipitate shows that calcium remains in the whey after the curd is taken out.

Group analysis for calcium. Dissolve the group carbonate precipitate in dilute acetic acid and split the solution into portions. Test one with potassium chromate for barium and another with ammonium sulfate for strontium. If both stay clear, add a little ammonium hydroxide and ammonium oxalate to the last portion, and look for a white precipitate.

Making Gram crystal violet. Dissolve crystal violet in ethanol, and separately dissolve ammonium oxalate in distilled water measured in a measuring cylinder. Mix the two solutions, let the mixture stand, filter it and keep the stain in an amber reagent bottle labe

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