RUDOLPH RESEARCH ANALYTICAL

OCTAPOL® QUICK GUIDE

3 VERSIONS TO CHOOSE FROM

OCTAPOL®

The recognized, industry standard for preparing sugar juice samples for purity measurements.

OCTAPOL RED®

Specially formulated to reduce finer particles from raw sugar juice.

OCTAPOL BLACK®

Enhanced formula made especially for clarifying darker sugar juice samples.

Environmentally-friendly.

Effective clarification, suitable for use in the Factory Laboratory.

Contains no Lead or any other toxic heavy metals.

Contains no toxic chemicals of any kind.

RUDOLPH RESEARCH TAKES OCTAPOL® TO THE NEXT LEVEL

QUALITY

- NEW PRODUCTION FACILITY
- NO LEAD OR TOXIC METALS MEANS IT IS SAFE FOR YOUR WORKERS AND THE ENVIRONMENT
- EXCEPTIONAL CUSTOMER SERVICE
- CONSISTENT BLENDS BETWEEN BATCHES

CONSISTENCY

- ADVANCED MIXING TECHNOLOGY
- BLENDED IN A TEMPERATURE CONTROLLED ENVIRONMENT
- DEDICATED STAFF

COST EFFICIENCY

- FASTER RESULTS SAVE YOU TIME AND MONEY
- SMALLER AMOUNTS NEEDED FOR TESTING
- INDEFINITLY STABLE , ALLOWING YOU TO BUY IN LARGER QUANTITIES

Organic constituents are biodegradable

Rapid filtration, suitable for use in the Core Laboratory.

Cost is reasonable, and varies with type sample, but roughly about $0.10 per sample.

Stable indefinitely in the unactivated state.

GOOD FOR 30 DAYS AFTER ACTIVATION

No special equipment or procedures required

Laboratory procedures available in English, Spanish, and Portuguese.

No shipping restrictions, can be shipped worldwide by sea or air

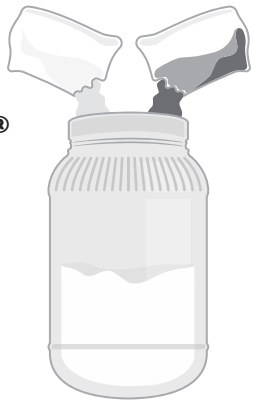
OCTAPOL® QUICK GUIDE
INSTRUCTIONS FOR USE

STEP 1
FOR OCTAPOL® and OCTAPOL RED®

Open and empty the activator into the bottle of base OctaPol® reagent.

STEP 1
FOR OCTAPOL BLACK®

Open and empty the two bags of activator into the bottle of base OctaPol® reagent.



STEP 2

Once activator is added to reagent, place lid back on bottle and secure tightly. Next, shake vigorously for 5 minutes. Rudolph recognizes that proper and thorough mixing maximizes results. We are now offering a free Octapol mixer with full skid orders. Contact the factory to order.

BY HAND

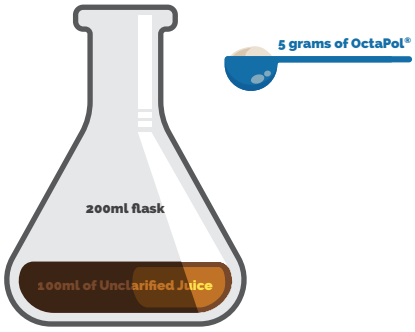
WITH MIXER

STEP 3

After mixing let Octapol® settle for at least 5 minutes.

STEP 4

In a flask add 100ml of unclarified juice and then add about 5 grams of activated OctaPol® to the flask.



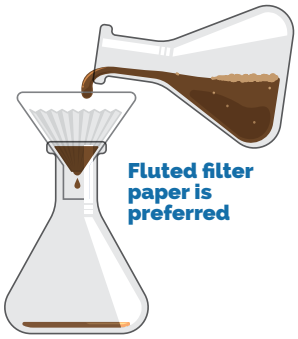
STEP 5

Seal flask with a rubber stopper, and vigorously mix the contents for about 20 seconds.

When finished your sample should be about the consistency of a milk shake.

STEP 6

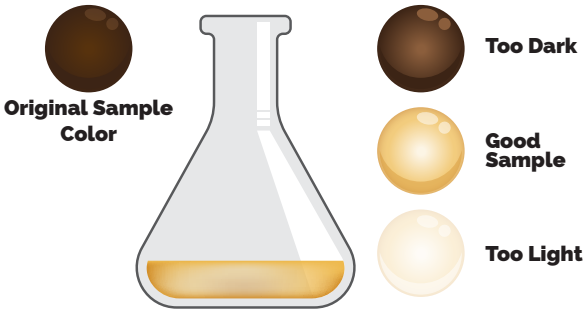
Use a funnel and filter paper to collect the filtrate.



The first 10 ml of filtrate should be discarded or returned to the bottle for re-filtration

STEP 7

Your result should be a clear solution with a slight yellow tinge. This clarified solution is now ready for analysis in your Rudolph Research saccharimeter



These solution color suggestions are guidelines—your QC laboratory may have different solution specifications and clarity goals.

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