

Aqastrip® 105

Aqastrip 105 is an acidic liquid concentrate, which is used to replenish the depleted acid components of Aqastrip ACB working baths.

Features & Benefits

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|-------------------------------------|---------------------|
| Lowers bath pH | Extends bath-life |
| Can be used as a liquid concentrate | Reduces export cost |

Typical Applications

- Replenishes acid components of an Aqastrip ACB working bath.

Operating Conditions

| | |
|---------------|-------------------------|
| Concentration | Determined by titration |
| Agitation | Recommended |

Titration Method

1. Pipette 2 mL of bath sample into a 250 mL Erlenmeyer flask.
2. Add 75 to 100 mL of DI water to the flask.
3. Add 5 to 10 drops of Phenolphthalein indicator and mix well.
4. Titrate with 0.1 N Sodium Hydroxide to a pink endpoint.
5. Record mL used.

Calculation

$$\text{Aqastrip ACB Acid Strength Percentage} = (\text{mL } 0.1 \text{ N NaOH} / 18.0) \times 100$$

Note – If a pH meter is available, it is preferable to titrate the sample to a pH endpoint of 8.3, because dark paints can cause problems seeing a phenolphthalein endpoint.

Use the formula below to calculate the amount of Aqastrip 105 required to replenish the Aqastrip ACB working bath.

Calculation

$$[(100 - \text{Aqastrip ACB Acid Strength Percentage}) \times 0.387] / 100 \times \text{Tank Volume}$$

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Our people. Your problem solvers.

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