

JC CitraPass 5220

CITRIC ACID CLEANER

Industrial Cleaning



- Citric acid detergent for use in ultrasonic and immersion applications
- Can be used to passivate 300 series, 17-4, and 400 series stainless steel alloys (ASTM 967)
- Free rinsing and can be filtered to extend bath life
- Contains no added biocide (1 year shelf life)
- Readily biodegradable

NORMAL PROCESS

Process:	Ultrasonic and Immersion Systems
Concentration:	12-20% (normal range 12-15%)
Temperature:	120°F-160°F/55°C-70°C
Rinse:	Yes
Dry:	Air

PRODUCT PROPERTIES

Appearance:	Clear, straw colored liquid
PH Range:	2-3
Specific Gravity:	1.16-1.17 g/mL at 25°C (77°F)
Water Soluble:	Soluble

PRODUCT APPLICATION

ultrasonic and immersion

REMOVES THESE CONTAMINANTS

iron, light contaminants, fingerprints

SURFACE COMPATIBILITY

stainless steel alloys

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NORMAL CONTROL

Dropping Bottle Method (Jayco Chemical Solutions part number: Acidity Test Kit JYT002)

1. Take a sample of the JC CitraPass 5220 solution from the Bath with a beaker and allow to cool to room temperature.
2. Measure out 10 ml, using the graduated sample bottle provided in the titration kit.
3. Add 1-2 drops phenolphthalein indicator
4. Add dropwise 5.0N N sodium hydroxide (NaOH) while counting the drops and swirling the solution.
5. Stop adding the drops when color changes from colorless to pink.
6. Calculation :

$$\text{Concentration of JC CitraPass 5220 (\%)} = \text{Drops of 5.0N NaOH} \times 0.313$$

Conductivity

Below are readings taken with DI water. Jayco Chemical Solutions suggests making up known concentrations in customer's operating range and water for more accurate readings

%	conductivity (mS/cm)
5	3.014 mS/cm
10	4.187 mS/cm
15	4.987 mS/cm

HANDLING AND SAFETY CONSIDERATIONS

Consult product safety data sheet for handling considerations, hazard information, and first aid procedures.

OTHER INFORMATION

No warranty, expressed or implied of merchantability fitness for a particular purpose or otherwise, is made. Buyer assumes all risk of use, storage and handling. JAYCO Chemical Solutions shall not be made liable for any incidental or consequential damages arising directly or indirectly in connection with the purchase, storage, handling or disposal of this product.