

JC 201M

PROCESS DETERGENT

Medical & Pharma



- High performance neutral detergent to meet the high-quality demands of pharmaceutical and medical device industries
- Formulated to support requirements of validatable cleaners
- Low foam
- Contains no glycol ethers or other solvents
- Free of perfumes and dyes
- Extremely free rinsing
- Contains biodegradable surfactants
- Complete lot traceability

NORMAL PROCESS

Process:	Spray Wash Systems, Clean-in-Place
Concentration:	1-10% (normal range 2-3%)
Temperature:	130°F-160°F/55°C-70°C
Rinse:	Yes
Dry:	Air

PRODUCT PROPERTIES

Appearance:	Clear, straw colored liquid
PH Range:	7.5-8.0
Specific Gravity:	1.05-1.06 g/mL at 25 °C (77 °F)
Water Soluble:	Soluble

PRODUCT APPLICATION

spray wash, clean-in-place

REMOVES THESE CONTAMINANTS

Light soils, fingerprints, particulates

SURFACE COMPATIBILITY

non-ferrous metals, anodized aluminum, stainless steel, cobalt chrome, nickel alloys, titanium and anodized titanium, most plastics

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NORMAL CONTROL

Dropping Bottle Method (Jayco Chemical Solutions part number: Alkalinity P/T Test Kit JYT001)

1. Take a sample of the JC 201M solution from the Bath with a beaker and allow to cool to room temperature.
2. Measure out 10 mls, using the graduated sample bottle provided in the titration kit.
3. Add 1-2 drops of total alkalinity indicator
4. Add dropwise 0.25N sulfuric acid while counting the drops and swirling the solution.
5. Stop adding the drops when color changes from green to red/orange
6. Calculation :

$$\text{Concentration of JC 201M (\%)} = \text{Drops of 0.25 N H}_2\text{SO}_4 \times 0.240$$

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 (uS/cm)
1	330 uS/cm
2	630 uS/cm
3	898 uS/cm
5	1420 uS/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.