



**WATERITE TECHNOLOGIES, INC.**  
3-75 Meridian Drive  
Winnipeg, MB  
Canada R2R 2V9  
PHONE: (204) 786-1604  
FAX: (204) 783-1599  
waterite@waterite.com  
www.waterite.com

**WATERITE TECHNOLOGIES, INC.  
PRODUCT SPECIFICATION SHEET  
FIL-MBC-001**

**MIXED BED RESIN DEIONIZATION (DI)  
CARTRIDGE PREPARATION OF ULTRAPURE  
PROCESS WATER**

**TYPE:** 2 ½" x 9.75" (63.6 x 248mm) cartridge for standard #10 filter housings

**FEED:** Recommended for RO permeate, distilled or any other ultra purified water source.

**APPLICATIONS:** Pharmaceutical use, Laboratory/medical use, steam and humidification, power generation equipment, lasers

**MODEL:** Excelpure CC5RB1

**END CONNECTIONS:** Double open end (DOE)

**CAPACITY:** 275 Grain Capacity

**FEED PRESSURE:** 80PSI maximum (5.5 bar)

**PRESSURE DROP:** Initial  $\Delta P$  1.5psi @ 1L/min

**TEMP. RANGE:** 3.0°C to 38°C (37-100°F)

**COLOUR:** Clear cap and body

**HOUSING MATERIAL:** Cartridge Body & Cap: Clear food grade polypropylene thermoplastic resin  
Internal Packing: spun polypropylene

**ANION RESIN:** 60% by volume, Amberlite IRA458CL  
Physical form-Translucent white spherical beads  
Matrix-Cross linked acrylic gel structure  
Ionic form as shipped- Chloride  
Total exchange Capacity -  $\geq 1.25$  eq/L  
Shipping Weight – 720g/L



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**CATION RESIN:**

40% by volume, Amberlite SR1LNA  
Physical form-Amber spherical beads  
Matrix-Styrene Divinylbenzene Copolymer  
Ionic form as shipped- Na  
Total exchange Capacity -  $\geq 2.05$  eq/L  
Shipping Weight – 820g/L

**CONVERSION %**

H=99.9% min OH=95.2% min

**CORPORATE MARK:**

Hypurion

**hypurion**  
high performance filter cartridges



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