



AMBERLITE[®] CG50 (Type 1)

Industrial Grade Weak Acid Cation Exchange Resin Powder

Introduction

AMBERLITE CG50 (type 1) is a crosslinked methacrylic type of weakly acidic cation exchange resin powder. The resin has a high concentration of carboxylic groups which serve as the ion exchange site of the resin.

The principal application of AMBERLITE CG50 (type 1) is the recovery, separation and purification of a wide range of pharmaceutically active compounds such as aminoglycosides, antibiotics, vitamins, etc.

Properties

Matrix	Macroporous crosslinked methacrylate
Functional groups	-COO ⁻
Physical form	Dry fine powder
Ionic form as supplied	H ⁺
Total exchange capacity	10 meq/g min
Moisture content	10 % max
Particle size	Nominally 100 to 200 mesh (US Std) 75 to 150 µm

For more information about DOW™ resins, call the Dow Water & Process Solutions business:

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