

Purolite Praesto™

PM7000

ポリスチレン系 ゲル 不活性共重合体, 医薬用グレード

PRINCIPAL APPLICATIONS

- ナノ粒径粉碎
- 超微粒ナノ粒子処理
- 生物学的細胞破壊
- 低分子量物資の溶解性向上

ADVANTAGES

- 100 nm以下のナノ粒子を作る
- 超高純度
- 非常に高い耐水性
- 異物を最小化する
- 均一粒径、篩接着防止
- 高効率
- オートクレーブ/スチーム滅菌
- 拡張性のある
- 低物質密度; 高負荷と高攪拌速度が可能
- 一般的な吸着剤より発熱しない
- 生物学的不活性; 化学変化および化学構造変化を防ぐ

SYSTEMS

- AISI 316 stainless steel or other metal alloy agitator bead mills
- 高速分散機
- 均質化混合機
- 回転子

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Non-aggregated spherical beads, white to off-white in color
< 150 µm (max.)	0.01 %
250 – 350 µm (min.)	95 %
粒径範囲	250 - 350 µm
乾燥減量 (最大)	0.5 %
残留スチレン (最大)	50 ppm
残留ジビニルベンゼン (最大)	50 ppm
残留エチルビニルベンゼン (最大)	50 ppm
残留溶媒 – メタノール (最大)	100 ppm
不純物 重金属 (最大)	10 ppm
総好気性菌	< 10 cfu/g
全カビ数	< 10 cfu/g
総酵母数	< 10 cfu/g
大腸菌	Negative/ 10 g g
大腸菌	Negative/ 10 g g
ブシュードモナスアルギノーサ	Negative/ 10 g g

黄色ブドウ球菌	Negative/ 10 g g
バクテリアエンドトキシン (最大)	0.5 EU/g
同定 (FTIR)	Conform to Standard

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