

Tulsimer® 344

产品详情:

Tulsimer® 344 药效缓释剂

缓释剂是要确保药物不断的,慢慢的,但稳定的速度被释放到身体。药剂从离子交换树脂释放是取决于身体内不同液体与药品及树脂错化物之间的反应来决定。对药物的释放速度可通过改变控制粒子的大小,树脂交联的程度及树脂的化学性质。此种持续性的释放药效配方是可以依照不同的应用而量身订作的。

Premium Pharmaceutical Grade Resin

Tulsimer® 344 is "Sodium Polystyrene USP". It is highly purified crosslinked polyacrylic copolymer in Sodium form.

Tulsimer® 344 (Sodium Polystyrene Sulphonate USP) is used in taste masking and sustained release applications for variety of drug molecules.

Tulsimer® 344 (Sodium Polystyrene Sulphonate USP) is used in dosage forms like liquid oral suspension and tablets.

This product is manufactured under GMP at an FDA approved, ISO 9001:2000 & ISO 14001 certified facility.



TYPICAL (Sodium Polystyrene Sulphonate USP): Tulsimer® 344

Type	Strong Acid Cation exchange resin
Matrix structure	Cross linked polystyrene copolymer
Functional group	Sulphonic acid
Description	Golden brown, fine powder
Ionic form	Sodium

Moisture contents (approx)	10 % max.
Limit of Ammonium salts	The litmus paper shows no blue colour/ Negative to litmus paper.
Potassium exchange capacity	110-135mg/g on anhydrous basis
Sodium content	9.4% to 11.5% on anhydrous basis
Iron content as Fe	Not more than 100 ppm
Heavy metals as Pb	Not more than 10 ppm
Particle size	Retention on 100ASTM mesh =1% max
Styrene content	1ppm max.
Solubility	Insoluble in water

TESTING:

The sampling and testing of ion exchange resins is done as per standard testing procedures, namely ASTM D-2187 and IS-7330, 1998.

PACKING:

Super sacks	1000 liters	Super sacks	35 cft
MS drums	180 liters	Fiber drums	7 cft
HDPE lined bags	25 liters	HDPE lined bags	1 cft

For Handling, Safety and Storage requirements please refer to the individual Material Safety Data Sheets available at our offices. The data included herein are based on test information obtained by Thermax Limited. These data are believed to be reliable, but do not imply any warranty or performance guarantee. Tolerances for characteristics are as per BIS/ASTM. We recommend that the user should determine the performance of the product by testing on own processing equipment.

如需了解更多产品技术相关问题，可咨询公司技术顾问，欢迎技术交流！