

1. Description

Seplife® Aminomethyl Resin is a macroporous polystyrene resin functionalized with primary amino groups with uniform particle size and distribution of the active sites. It can be loaded with different linkers and different base types to produce any specific solid phase oligonucleotide synthesis (SPOS) resin. Seplife® Aminomethyl Resin is suitable for the synthesis of nucleotides with 30-80 base sequences.



2. Properties

Product	Seplife® Aminomethyl resin
Appearance	Off white or light yellow beads
Type	Macroporous resin functionalized with amino groups
Ligand	Amino (NH_2)
Matrix	Polystyrene
Substitution (micromol/g)	400- 500 500-600 customized
Average Pore Size (nm)	120-180
Swelling in Toluene (ml/g)	6.5-9.5
Dry volume (ml/g)	2.5 – 4.5
Particle size range (micron)	50 - 100
Shipped as	Dry

3.Storage

Seplife® Aminomethyl Resin that is not for immediate use should be stored in dry form in a closed container at 2-8 °C.

4. Transportation

Avoid sunlight, rain, and heavy pressure during transportation. It is strictly forbidden to transport together with toxic and hazardous materials. Product can be shipped at ambient temperature.

5.Ordering information

Product Name	References	Substitution (μmol/g)
Seplife® Aminomethyl Resin	LXSSN2-150-00-01	400-500
	LXSSN2-150-00-02	500-600
	LXSSN2-150-00-03	Customized

Production date: See label

Retest date: 1 year, under proper storage conditions

Manufacturer: Sunresin New Materials Co. Ltd.

Add:No. 135, Jinye Rd, Xi'an Hi-

tech Industrial Development Zone, Shaanxi, 710076, China

www.seplite.com www.sunresin.com

E-mail: info.lifescience@sunresin.com

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