

*Evolvemer™ materials are biocompatible composite materials composed of beta-tri-calcium phosphate additive and bioresorbable base polymer.*

*Evolvemer™ materials are next generation compositions utilizing improved manufacturing technologies with improved micro-particle dispersion.*

## Evolvemer™ TCP30PLGA

**Description** Composite pellet composed of 85L/15G PLGA and beta-TCP

Specification	Property	Specification	Test method
	Appearance, colour	White	Visual
	Appearance, shape	Pellets	Visual
	Inherent viscosity of polymer	≥ 3.0 dl/g	Microviscometry or capillary viscometry
	Residual lactide monomer content	≤ 0.5 wt-%	Gas Chromatography (GC)
	Residual glycolide monomer content	≤ 0.5 wt-%	Gas Chromatography (GC)
	Beta-TCP content	30 ± 5 wt-%	Ignition loss
	Pellet size	Sieves through Ø 3.15 mm test sieve	Sieving
	Total heavy metal content	≤ 10 ppm (minus Sn)	ICP-MS
	Tin content	≤ 100 ppm	ICP-MS

Certificate of analysis is provided for each batch, showing the analytical results.

**Packaging** Pellets are packaged in to a double polymer pouch. Outer pouch contains aluminum barrier layer. Maximum amount in a package is 1 kg.

**Storage and Handling** Pellets to be stored below or at -15 °C temperature.

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