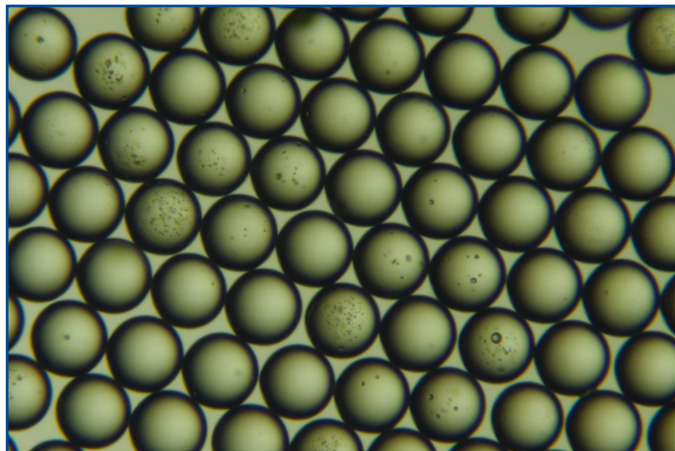


Poly(Lactic Acid-co-Glycolic Acid) Uniform Dry Microspheres

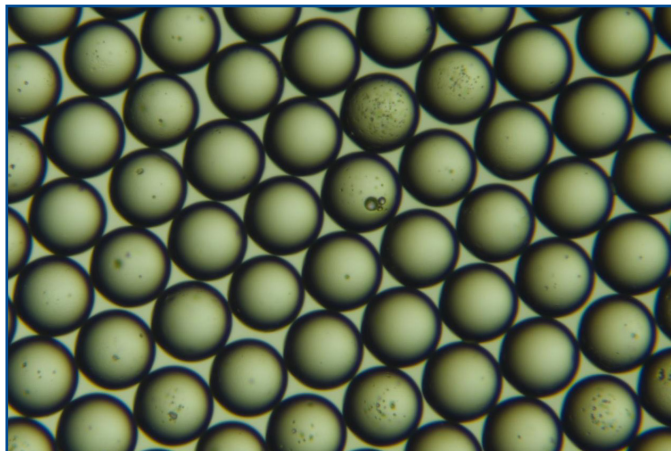
Biodegradable polymers and microspheres such as **PLGA** types are receiving high levels of interest for controlled release of active materials in the pharmaceutical industry, as growth platforms (*e.g. degradable scaffolds for implants and bone grafts*) and as prototype materials to measure biodegradation kinetics under metabolic conditions.

As these sciences expand, there will be a significant need for controlled particle size biodegradable microspheres for calibration of instrumentation and for particle size assays.

Polysciences Inc. offers two PLGA polymers (75/25 and 50/50 LA/GA ratios) in three narrow particle size ranges with coefficients of variation less than 10%. Lyophilized to resist biodegradation. These highly uniform particle populations are excellent prototypes for controlled degradation rate measurements "in-vitro" and "in-vivo".



50:50, 75 micron



75:25, 75 micron

Polymer	Mw	I.V.	Particle Size	Unit Size	Catalog #
75:25 LA/GA	~90 kD	0.5 - 0.55	75 micron	100, 250 & 500 mg	25398
			100 micron	100, 250 & 500 mg	25399
			120 micron	100, 250 & 500 mg	25400
50:50 LA/GA	~150 kD	1.0 - 1.2	75 micron	100, 250 & 500 mg	25401
			100 micron	100, 250 & 500 mg	25402
			120 micron	100, 250 & 500 mg	25403

i.v. = inherent viscosity

Custom quotations on other PLGA microparticles, alternative biodegradable polymer family types or microparticles with specific active components are available upon request.