

DiagNano™ Carboxyl Quantum Dot Beads, 160 nm, 525 nm Emission Peak

Cat.No: DNQ-N006

DESCRIPTION

Description Quantum dot beads are uniform microspheres functionalized with carboxyl groups containing thousands of quantum dots with no quantum dot leakage and no photobleaching. FWHM ≤ 30 nm. QY: $\geq 60\%$. Surface Potential: -35 ± 5 mV. Hydration particles size: 160 ± 20 nm. C.V.% $< 5\%$.

PRODUCT INFORMATION

Particle Size 160 nm ± 20 nm

Functional Group Carboxyl

Concentration 1 μ M

Emission Max 525 ± 10 nm

Quantum Yield $\geq 60\%$

STORAGE AND SHIPPING

Storage Buffer DI water, 0.05% sodium azide.

Storage Store product away from direct sunlight at 2-8°C. Do NOT freeze!

Shelf Life 24 months