



Detailed description of the subject of the contract

HPHT nanodiamond powders with nitrogen color centers:

1. Nanodiamond Red Fluorescent Powder,
nitrogen color centers ~ 3.5 ppm NV, weight 1 g, size 1 micron, amphoteric surface groups.
2. Nanodiamond red fluorescent,
carboxylated, size 140 nm, suspended in deionized water, nitrogen color centers ~ 3 ppm NV, quantity 2 x 10 ml (concentration 1 mg / ml).
3. Nanodiamond red fluorescent,
carboxylated, size 30 nm, suspended in deionized water, nitrogen color centers ≤ 2 ppm NV, quantity 3 x 10 ml (concentration 1 mg / ml).
4. Nanodiamond red fluorescent,
size 140 nm, modified with polyglycerol, nitrogen color centers ~ 3 ppm NV, quantity 2 x 2 ml (concentration 1 mg / ml).