

Annex 2 to the contract notice no. ZZ/129/009/D/2022

Detailed description of the subject of the contract

Part 1 HPHT nanodiamond powders with nitrogen color centers:

- 1.1. Nanodiamond Red Fluorescent Powder, NV nitrogen color centers, weight 1g, size 1 micron, amphoteric surface groups.
- 1.2. Nanodiamond red fluorescent, carboxylated, size 140 nm, suspended in deionized water, nitrogen color centers NV, quantity 2 x 10 ml (concentration 1 mg / ml).
- 1.3. Nanodiamond red fluorescent, carboxylated, size 20 nm, suspended in deionized water, nitrogen color centers NV, quantity 2 x 10 ml (concentration 1 mg / ml).
- 1.4. Nanodiamond red fluorescent, size 40 nm, modified with polyglycerol, nitrogen color centers 1-4 NV, quantity 2 x 10 ml (concentration 1 mg / ml).
- 1.5. Detonation nanodiamond, 140 nm Raw DND -15 mV, Zeta 2%, ash 100 g 140 nm DND2 - 100g

Lot 2 HPHT monocrystalline diamond powders of high purity

Monocrystalline diamond powders:

2.1 Structure: Single crystal Purity: 100% diamond Type: MSY

Size: 0-0.03 μm

Median Tolerance: 0.014-0.022 μm

Upper size limit: (D99) 0.06 μm

Quantity: 1 x 100 ct

2.2 Structure: Single crystal Purity: 100% diamond Type: MSY

Size: 0-0.1 μm

Median Tolerance: 0.040 - 0.060 μm

Upper size limit: (D99) 0.015 μm

Quantity: 2 x 100 ct

2.3 Structure: Single crystal Purity: 100% diamond Type: MSY

Size: 0-0.25 μm

Median Tolerance: 0.105-0.145 μm

Upper size limit: (D99) 0.33 μm

Quantity: 4 x 100 ct

2.4 Structure: Single crystal Purity: 100% diamond Type: MSY

Size: 0.75-1.25 μm

Median Tolerance: 0.95-1.05 μm

Upper size limit: (D99) 1.70 μm

Quantity: 4 x 100 ct