



GEMMOLOGICAL REPORT

Report n. **SAMPLE**

Milano, 2010-06-08

Colour yellowish white

Measurements dd 7.00-7.50 mm

Shape and cut sphere; drilled

Notes //

Quality nucleated cultured pearl

Pearl classification

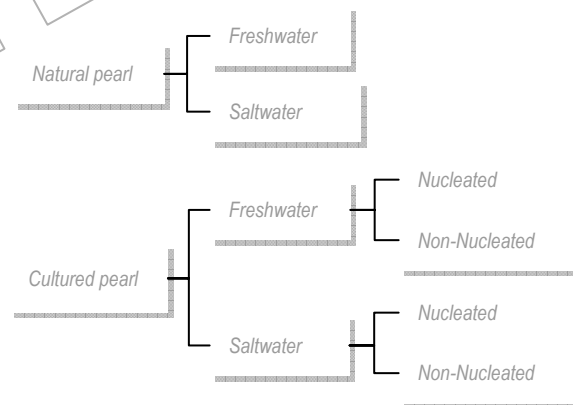
NUCLEATED CULTURED PEARL

Comments //

Growth environment Saltwater

Weight 2.51 ct

Thickness of nacre The thickness of the nacre-layer has an average of 0.35 mm.



Composite cultured pearl (Mabe)

Imitation pearl

For Gem testing Cisgem Lab is equipped with

stereomicroscope

10 X hand loupe

refractometer

Brewster angle meter

spectroscope

balance (precision 0.01 mg)

hydrostatic balance

gauge and micrometer

Munsell colour charts

standardized lightning

UV luminescence unit (LW & SW)

radioactivity testing device

UV-VIS-NIR spectrophotometer

FTIR spectrophotometer

micro Raman

X ray generator

EDXRF spectrometer

SEM-EDS microscope

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