



GEMMOLOGICAL REPORT

Report n. **SAMPLE**

Milano, 2010-05-21

Colour yellowish white

Measurements dd 6.50-7.00 mm

Shape and cut 60 spheres; drilled

Notes In a necklace with clasp

Quality nucleated cultured pearls

NUCLEATED CULTURED PEARLS

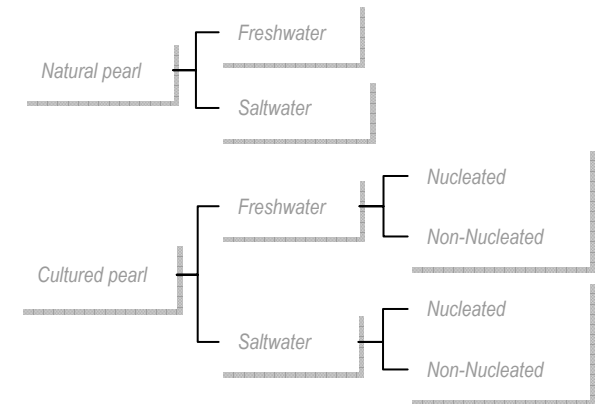
Comments //

Growth environment Saltwater

Weight total necklace 32.68 g clasp included

Thickness of nacre The thickness of the nacre-layer varies from a minimum of 0.26 mm to a maximum of 0.65 mm, with an average of 0.45 mm.

Pearl classification



Composite cultured pearl (Mabe)

Imitation pearl

INFORMATION

The spheres were not unstrung for gem testing

CISGEM LABORATORY

For Gem testing Cisgem Lab is equipped with

<i>stereomicroscope</i>
<i>10 X hand loupe</i>
<i>refractometer</i>
<i>Brewster angle meter</i>
<i>spectroscope</i>
<i>balance (precision 0.01 mg)</i>
<i>hydrostatic balance</i>
<i>gauge and micrometer</i>
<i>Munsell colour charts</i>
<i>standardized lightning</i>
<i>UV luminescence unit (LW & SW)</i>
<i>radioactivity testing device</i>
<i>UV-VIS-NIR spectrophotometer</i>
<i>FTIR spectrophotometer</i>
<i>micro Raman</i>
<i>X ray generator</i>
<i>EDXRF spectrometer</i>
<i>SEM-EDS microscope</i>



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