

GEMMOLOGICAL REPORT



Report n. **SAMPLE** Milano, 2010-07-08

Units and reference scales

Colour green, transparent

Munsell Unit 5G 5.5/7

Measurements 9.42 x 11.03 mm h 5.31 mm

Shape and cut rectangular (octagonal), step cut

Species NATURAL BERYL

EMERALD

Comments moderate clarity enhancement
F2

Notes //

Weight 4,21 ct

Geographical origin Data and characteristics suggest Colombia

Quantification and identification of filler in fissures

| Status: | Report Alpha numeric: | Report text: |
|---|-----------------------|--|
| No fissures present in the stone | | None ¹ |
| No or insignificant filler in fissures | | No / Insignificant fissure filling or No / Insignificant indications of clarity enhancement / modification |
| Quantification and identification of filler in fissures | F1 | Minor amount of oil/resin in fissures or Indications of minor clarity enhancement / modification |
| | F2 | Moderate amount of oil/resin in fissures or Indications of moderate clarity enhancement / modification |
| | F3 | Significant amount of oil/resin in fissures or Indications of significant clarity enhancement / modification |

¹ Only use if no fissures are observable

Disclosures herein are conform with the harmonized wording of LMHC (Laboratory Manual Harmonization Committee)

INFORMATION

Wording referred to LMHC Information Sheet # 5

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



GIOIELLI

Gemmological Report

CISGEM SpA

Viale Achille Papa, 30 - 20149 MILANO MI (Italy)
Tel. Lab. +39 02 8515 5324 - Fax +39 02 8515 5258
info@cisgem.it - www.cisgem.it