

**GEMMOLOGICAL REPORT**



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

**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

**Notes** //

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

**INFORMATION**

Wording referred to LMHC Information Sheet # 5

**Species** NATURAL BERYL

**EMERALD**

**Comments** moderate clarity enhancement  
F2

**Weight** 4,21 ct

**Units and reference scales**

**Quantification and identification of filler in fissures**

Status:	Report Alpha numeric:	Report text:
No fissures present in the stone		None <sup>1</sup>
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

<sup>1</sup> Only use if no fissures are observable

*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*

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