

# GEMSTONE REPORT

EDELSTEINBERICHT  
RAPPORT DE PIERRE PRÉCIEUSE

No. GRS2023-098003  
Date 4th September 2023  
Object One bracelet with 19 faceted center stones  
Identification 19 Natural Emeralds

## Origin

Gemmological testing revealed characteristics  
corresponding to those of 19 natural emeralds from:

Colombia

Weight total 12.10 cts (indicated by the client and stamped)\*  
Dimensions see appendix  
Cut brilliant/faceted  
Shape oval  
Color see appendix  
Comment see appendix  
\*within the tolerance of weight estimation  
Accuracy as testing in mounting permits

See reverse for important information, terms and limitations



GRS

  
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2023-098003

Verification



**Appendix to report no. GRS2023-098003 ap**

No.	Dimensions *	Color	Comment
1	6.21 x 4.93 x 3.53 (mm)	vivid green (**)	CE(O): Minor
2	6.32 x 5.05 x 2.99 (mm)	vivid green	CE(O): Minor to Moderate
3	6.47 x 5.08 x 3.62 (mm)	vivid green	CE(O): Minor
4	6.54 x 5.06 x 3.18 (mm)	vivid green	CE(O): Moderate (***)
5	6.53 x 5.09 x 3.67 (mm)	vivid green	CE(O): Minor (****)
6	6.53 x 5.23 x 3.42 (mm)	vivid green	CE(O): Minor (*****)
7	6.58 x 5.12 x 3.38 (mm)	vivid green	CE(O): Minor to Moderate
8	6.51 x 5.33 x 3.44 (mm)	green	CE(O): Moderate (***, ****)
9	6.71 x 5.31 x 3.35 (mm)	vivid green	CE(O): Minor
10	7.71 x 6.27 x 4.00 (mm)	green	CE(O): Moderate (***)
11	6.70 x 5.30 x 3.35 (mm)	vivid green	CE(O): Minor to Moderate
12	6.51 x 5.15 x 3.17 (mm)	vivid green	CE(O): Minor
13	6.59 x 5.14 x 3.54 (mm)	vivid green	CE(O): Minor
14	6.61 x 5.21 x 3.59 (mm)	vivid green (**)	CE(O): Minor
15	6.52 x 5.04 x 3.49 (mm)	vivid green	CE(O): Minor
16	6.55 x 5.06 x 3.45 (mm)	vivid green	CE(O): Minor (****)
17	6.46 x 5.14 x 3.60 (mm)	vivid green	CE(O): Minor
18	6.38 x 5.08 x 3.14 (mm)	vivid green (**)	CE(O): Minor to Moderate
19	6.08 x 4.67 x (nd) (mm)	vivid green	CE(O): Minor

**Remark :** \* (nd) = undeterminable  
 (\*\*) = "Mariposa" (see appendix)  
 (\*\*\*) = (Resin), FTIR-tested  
 (\*\*\*\*) = (Surface-cavity fillings)  
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These particular 3 emeralds No.1, 14 and 18 displays an additional microscopic velvety appearance caused by a rare growth phenomenon described in the literature as "butterfly-wing effect".

These stones are given the designation GRS-type "Mariposa", referring to the Spanish word for butterfly.

