

N E T H E R L A N D S G E M L A B O R A T O R Y

GEM REPORT

Number: E 2420465
Date: 18 September 2024
Object: transparent stone
Colour: bluish green
Cut: shield shape, carving (with flower motif)
Measurements: 17.1 x 16.3 x 9.1 mm
Setting: pendant, set with a trilliant-cut natural diamond and 219 (one missing) small, round brilliant-cut natural diamonds
Weight: gross weight pendant 14.06 grams



Mineral species: **NATURAL BERYL**
Gem variety: **EMERALD**

Comments: the analysed properties confirm the authenticity of this natural emerald.

Indications of moderate clarity enhancement.

The emerald described above shows evidence of fissures filled with oil. The clarity of most emeralds is enhanced in this way, using colourless substances, including oils and natural or artificial resins.

Opinion on origin: the described stone shows characteristics of emerald from COLOMBIA.

Dr. J. C. Zwaan, FGA