



Emerald Origin Report

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Image is not to scale. Color is approximate.

Emerald

Emerald is the green variety of the mineral beryl that is colored primarily by chromium. The name comes from the Greek word *smaragdus*, which means "green gem." One of the first known emerald mines was in Egypt and was named after Cleopatra. Today, significant sources of emerald include Colombia, Zambia, and Brazil.

Characteristics

Mineral Beryl	Mohs Hardness 7.5-8	Toughness Fair to Good	Birthstone May
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To learn more about how GIA determines and classifies gemstone origin, go to reportcheck.gia.edu to view this report.



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Details

Item Description

Two loose stones

Weight

3.36 and 4.06 carats

Measurements

8.83 x 8.67 x 6.34 mm and 8.68 x 8.62 x 6.86 mm

Shape

Octagonal

Color

Green

Transparency

Transparent

Cutting Style

Step Cut

Results

Species

Natural Beryl

Variety

Emeralds

Geographic Origin

Zambia

Additional Results

3.36 ct: Clarity Enhanced (F1)

4.06 ct: Clarity Enhanced (F2)

Comments

Any statement on geographic origin is an expert opinion based on a collection of observations and analytical data. Due to their growth conditions in nature and recovery methods, most emeralds contain surface reaching features. For this reason, clarity enhancement is a common trade practice.

Clarity Enhancement

No Fissures Present	No or Insignificant Clarity Enhancement	Qualification of Clarity Enhancement		
		F1	F2	F3
None	No Indications of Clarity Enhancement	Minor Clarity Enhancement	Moderate Clarity Enhancement	Significant Clarity Enhancement

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