



## 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	Mohs Hardness	Toughness	Birthstone
Beryl	7.5-8	Fair to Good	May

To learn more about how GIA determines and classifies gemstone origin, go to [reportcheck.gia.edu](https://reportcheck.gia.edu) to view this report.



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## Details

### Item Description

One loose stone

### Weight

2.70 carats

### Measurements

11.67 x 8.83 x 4.70 mm

### Shape

Pear

### Color

Green

### Transparency

Transparent

### Cutting Style: Crown

Brilliant Cut

### Cutting Style: Pavilion

Step Cut

## Results

### Species

Natural Beryl

### Variety

Emerald

### Geographic Origin

Zambia

### Additional Results

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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