

**NATURAL EMERALD**

**EMERALD/BERYL**

One of the most popular and valuable green gems.

**COLOR:** Green to bluish Green

**DURABILITY:**

**HARDNESS (Mohs scale):** 7.5 to 8

**TOUGHNESS:** Good to poor

**STABILITY:**

Heat: May cause fractures

Light: Fracture fillings may dry out or alter under intense light.

Chemical: Emerald itself is resistant to all acids except hydrofluoric, fracture filling may be effected by any type of chemical.

**CARE and CLEANING:**

*Type of Cleaning*      *Advisability*

Ultrasonic cleaning: Never

Steam cleaning: Never

Warm, soapy water: Usually safe, avoid vigorous scrubbing.

**MAJOR SOURCES/ORIGINS:**

Afghanistan, Brazil, Colombia, Madagascar, Pakistan, Zambia, Zimbabwe

**OTHER FACTS:**

- Emerald is the most famous member of the beryl species.
- Most emeralds in the trade (99+% ) are fracture filled.
- "Colombian" is often used as the trade name for fine quality emeralds.
- Emerald is a birthstone for May.

ALL INFORMATION GIVEN REPRESENTS THE OPINION OF GCI GEMOLOGISTS. AT THE TIME OF TESTING, THE GCI SHOULD TAKE NO RESPONSIBILITY FOR ANY CONDITION OF THE GEMSTONE AFTER THE TESTING. THIS REPORT IS NOT A VALUATION OR APPRAISAL, AND THE CLIENT AGREES TO BE FULLY RESPONSIBLE FOR ITS USE.



GCI REPORT

1911BRE1825

**PRODUCT DESCRIPTION**

Identification	<b>Natural Emerald</b>
Species	Beryl
Color	Green
Cut	Octagon Step (emerald cut)
Carat Weight	1.46 carats
Dimensions	7.28 x 5.12 x 4.40 mm
Enhancement	Clarity Enhanced
GCI Code	1911BRE1825

**Comment**  
The stone has only been tested using standard gemological equipment.

Gemologist

*Pattarat T.*

PATTARAT TERMPAISIT, G.G. GIA



**GCI Lab**

**Bangkok**

Jewelry Trade Center  
Room 341 A/A, 3rd Floor, Silom Road  
Bangrak, Bangkok, 10500

**Chanthaburi**

Chan Gems Building  
Room D202/1, 2nd Floor,  
189 Sichan Road  
Mueang Chanthaburi District,  
Chanthaburi 22000

E-mail: info@gcilab.com  
Tel: +66 83 916 7158

LINE ID: .....gcilab  
WeChat: .....gcilab  
FACEBOOK: .....gcilab

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