

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

2104BRE2326

PRODUCT DESCRIPTION

Identification	Natural Emerald
Species	Beryl
Color	bluish Green
Cut	Octagon Step (emerald cut)
Carat Weight	2.59 carats
Dimensions	8.43 X 6.71 X 5.33 mm
Enhancement	Clarity Enhanced
GCI Code	2104BRE2326
Comment	The stone has only been tested using standard gemological equipment.

April 24, 2021

Gemologist

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