



TSAVORITE/GROSSULARITE/GARNET

COLOR: light to dark, intense, yellowish Green or Green

DURABILITY:

HARDNESS (Mohs scale): 7 to 7.5

TOUGHNESS: Fair to Good

STABILITY:

Heat—Abrupt temperature change likely fracture stone
 Light—Stable
 Chemical—None, except concentrated hydrofluoric acid

CARE and CLEANING:

Type of Cleaning *Advisability*
 Ultrasonic cleaning.....Usually safe
 Steam cleaning.....Never
 Warm, soapy water.....Safe

MAJOR SOURCES/ORIGINS:

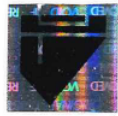
Kenya, Tanzania

OTHER FACTS:

- All species of garnet are January birthstone.
- Gemologists classify garnets by their chemistry and properties, but many dealers sell garnets on basis of color and origin.
- Gemologists classify "Tsavorite" as a variety of "Grossularite" species.
- Tsavorite is close relative to hessonite, (same mineral species)
- Tsavorite was found in the early 1970s and introduced to the US market in 1974.
- Tsavorite usually has no heat treatment.

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.

NATURAL TSAVORITE



GCI REPORT

1910GNG0515

PRODUCT DESCRIPTION

Identification	Natural Tsavorite
Species	Grossularite Garnet
Color	Green
Cut	Octagon Step (emerald cut)
Carat Weight	2.31 carats
Dimensions	8.14 x 6.69 x 4.94 mm
Enhancement	N/A
GCI Code	1910GNG0515

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

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Gemologist

Pattarat T.

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