



SAPPHIRE/CORUNDUM

"The most well known blue gemstone"

COLOR: violetish Blue to Blue to greenish Blue, very light to dark tone. "Royal blue" is the common trade-name for fine color of sapphire.

DURABILITY:

HARDNESS (Mohs scale): 9

TOUGHNESS: Excellent

STABILITY:

Heat———Stable

Light———Stable

Chemical——Stable

CARE and CLEANING:

Type of Cleaning *Advisability*

Ultrasonic cleaning...Usually safe, but never for fracture—
or cavity filled stones

Steam cleaning.....Usually safe, but never for fracture—
or cavity filled stones

Warm, soapy water...Safe

MAJOR SOURCES/ORIGINS:

Afghanistan, Australia, China, Cambodia, Kenya,
Madagascar, Mozambique, Myanmar, Nigeria, Sri Lanka,
Thailand, Vietnam

OTHER FACTS:

- Sapphire is a birthstone of September.
- Common enhancement for sapphire are heat, and diffusion.
- Top quality blue sapphires are often described as "Royal blue".
- Beryllium treated in sapphires can only be tested using advanced gemological equipment such as "LA-ICP-MS , LIBS."

NATURAL SAPPHIRE



GCI REPORT
2307CDS8396

PRODUCT DESCRIPTION

Identification	Natural Sapphire
Species	Corundum
Color	Blue / yellowish Green
Cut	Heart Mixed
Carat Weight	2.07 carats
Dimensions	7.85 x 8.66 x 4.08 mm
Enhancement	No indication of heating / treatment
GCI Code	2307CDS8396
Comment	The stone has only been tested using standard gemological equipment.

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Gemologist

Pattarat T.

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