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GEMSTONE REPORT

EDELSTEINBERICHT
RAPPORT DE PIERRE PRÉCIEUSE

No.   GRS2024-116587

Date   25th November 2024

Object   One faceted gemstone

Identification   Natural Sapphire

Origin

Gemmological testing revealed characteristics corresponding to those of a natural sapphire from:

Burma (Myanmar)

Weight   8.07 ct

Dimensions   12.66 x 10.01 x 7.57 (mm)

Cut   brilliant/step (4)

Shape   oval

Color   vivid blue (GRS-type "royal blue")

Comment   No indication of thermal treatment

Dr. A. Peretti, FGG FGA
EuroGeol (European Geologist)

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Verification

2024-116587

RAPPORT DE PIERRE PRÉCIEUSE · EDELSTEINBERICHT
GEMSTONE REPORT

C. DUNAIGRE
Switzerland

No.   CDC 2411194
Date   06 November 2024

Object description   One faceted gemstone

Weight   **8.07 ct**
Dimensions   12.64 x 10.04 x 7.57 mm

Colour *   Vivid blue **("Royal blue")**
Shape/style   Oval/mixed cut
Transparency   Transparent

Quality Grade   **Excellent**

Identification   **SAPPHIRE (Natural Corundum)**
This gemstone shows gemological properties
consistent with those of sapphires from: **Burma (Myanmar)**

Comments   No indications of heating.

*   *C. Dunaigre Consulting colour nomenclature.*

C. Dunaigre Consulting GmbH
Christian Dunaigre AG, DUG

IDENTIFICATION · IDENTIFIKATION · IDENTIFICATION

This Gemstone Identification Report is a professional and independent o
based on the gemmological properties of the gemstone at the time of
examination. The reverse side is an integral part of the Report and con
important information and limitations.

INFORMATION SHEET
to Report No. 24082147

Unheated sapphires

Large sapphires of gem-quality are rarely found in nature. Not only is a delicate mineralogical balance essential for this blue variety of corundum to be formed deep within the earth, but specific geological conditions as well as adequate pressure and temperature must also be present. Furthermore, the sufficient supply of a rare combination of chemical elements, such as aluminium, iron and titanium, are yet another necessity required for the formation of sapphires.

Over the past decades, various heating techniques, as well as the use of chemical additives, have become increasingly sophisticated to raise the supply of sapphires resembling the high-quality untreated specimens. The aim of these treatments was and still is to improve the visual appearance of the gemstones.

Prior to the advent of modern heating techniques, rough sapphires were cut and polished retaining the quality that nature had originally endowed them with. Therefore, in earlier times, sapphires with obvious imperfections were considered and accepted as the norm. However, the expectations with respect to quality (colour and transparency) rose steadily ever since.

The demand for natural, unheated sapphires keeps growing while the supply of such gems remains limited, making natural sapphires of gem-quality from all major sources (such as Kashmir, Burma (Myanmar), Sri Lanka, Madagascar and Tanzania) difficult to find.

GÜBELIN

GEMMOLOGICAL REPORT

Report Number
24082147

Date
19 September 2024

Item
One faceted gemstone set in a ring

Weight
8.07 ct (as indicated by the client)

Shape
oval

Cut
brilliant cut / step cut

Measurements
approx. 12.65 x 10.00 x 7.60 mm

Transparency
transparent

Colour
blue

Species
Natural corundum

Variety
Sapphire

Origin
Burma (Myanmar)

Condition
No indications of heating (NTE).

Comments
See Information Sheet(s).

Important notes and limitations on the reverse.

Annette Widemann-Wong   Lidia Bellomo