



## GEMMOLOGICAL REPORT

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**Report Number**  
16010153

**Colour**  
blue

**Date**  
2 February 2016

**Species**  
Natural corundum

**Item**  
One faceted gemstone

**Variety**  
Sapphire

**Weight**  
2.74 ct

**Condition**  
Indications of heating (TE).

**Shape**  
oval

Important notes and limitations on the reverse.

**Cut**  
brilliant cut / step cut

**Measurements**  
8.14 x 7.10 x 5.69 mm

**Transparency**  
transparent



Dr. Anna Malsy



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## INFORMATION SHEET

to Report No. 16010153

### Sapphires, origin not determinable

The sapphire described in the above mentioned Report possesses a combination of gemmological characteristics which does not permit a sufficiently secure identification of origin.

Conclusions regarding origin are drawn based on comparisons with the internal characteristics, as well as physical and chemical properties recorded for reference stones of known identity, the results of continuing research led by the Gübelin Gem Lab, and gemmological knowledge published to date. Gemstones from different geological sources may reveal a tell-tale combination of characteristic inclusion patterns, absorption spectra and trace-element compositions that allows for the determination of their origin.

However, the combination of data may not, in all instances, provide the necessary basis for an origin determination. When such a case arises, the Gübelin Gem Lab does not comment as to the origin of the gemstone.

It may be stated, however, that the above mentioned sapphire does possess characteristics indicative of sapphires which are derived from metamorphic deposits, such as those in Sri Lanka or Madagascar. At this moment it is not possible to classify the probable source any further.

Information Sheets are intended to provide information supplementary to the contents of the Report and comment on, for instance, the type of gemstone, the geographic origin and the presence or absence of treatments. By definition, Information Sheets are purely informative in nature: they consist of a standard text and are issued for all types of stones of that particular category. Information Sheets, therefore, do not imply a certain quality or rarity of the stone described in the Gübelin Gem Lab Report which it is attached to.