## **GEMSTONE REPORT**

R-201913426



ΙD

## **Natural Sapphire**

Col or

**Vivid Blue\*** 

Enhancement

Heat

Ori gi n

**Ceylon (Sri Lanka)** 

**≫** Bellerophon

Cut



Comment:

Color Commonly Known as \*Royal Blue

Instruments used:

**✓** FTIR

**S** EDXRF

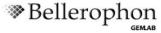
\*\*see next page for data report

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LILIBS

The Results Documented in this report refer only to the article described, and were obtained using the techniques and equipment used by LAB at the time of

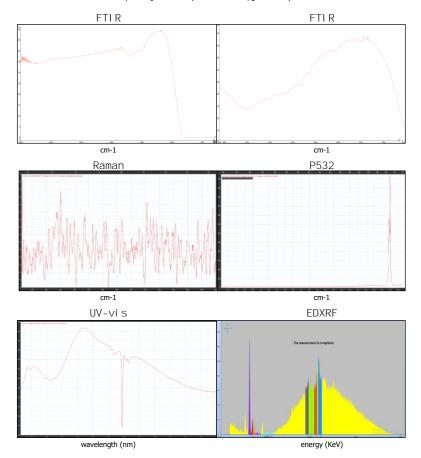




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## DATA GEMREPORT

Request HQ Pictures of your data at info@gemlabanalysis.com



The data collected on your item is valid at the issuance date of this report



## LABORATORY ANALYSIS BELLEROPHON is a Gemological laboratory who provide analysis and data interpretation on Gemstone and Jewelery. Our services include gem identification, treatment detection and origin determination.

ABOUT IDENTIFICATION: Our identification process is done through multiple layers to obtain a conclusion about the nature of the Gemstones natural composition, varieties and species, natural and synthetic are discovered within this process. Significant scientific data must be collected in order for us to reach our conclusion.

TREATMENT: Our Treatment detection is done with the help of the most advanced technology, same as all process in our lab we med multiple layers of data to reach our conclusion. Experience, observation, research and scientific literature from past and present constitutes our foun dation.

COLOR GRADING: Our color grading and color trade name found its base in Munsell color system with the help of natural gemstone color master set. As many gemstones possess two colors it is challenging to deal in absolute for exact color grade. Light, cutting, saturation, tone, and chemical composition play a determinant role in our gradine system.

ORIGIN: Origin determination is found through empirical data such as chemical composition, ultraviolet-visible spectroscopy, inclusion present or absent. Based on this data we can reliably identify the matrix of a gemstone and as such the geological area of its formation. Countries of or igin are lines drawn by men, geological origin lines drawn by nature, the second one is analyzed with accuracy while the first is an interpretation of it.

DISCLAIMER: Client acknowledges that, the testing techniques and the technology used by Laboratory Analysis Bellerophon for testing items for synthetics, treatments, processing, and the like are subject to change. These are evolving and include certain subjective elements therefore the ways in which Item(s) might be treated or processed are changing and dynamic, becoming more sophisticated. As a result, it might not be possible in all cases to determine whether item(s) have been processed or treated using Laboratory Analysis Bellerophon's then-current techniques and technology therefore Laboratory Analysis Bellerophon makes no representations or warranties to client in this regard. Wherein it Laboratory Analysis Bellerophon failure to detect are an item has been processed or treated, or an inaccurate determination is made that an item was in fact found treated, natural, undetermined or processed. Laboratory Analysis Bellerophon knowledge of/or ability to detect any third party for Laboratory Analysis Bellerophon failure to detect whether an item has been processed or treated, for Laboratory Analysis Bellerophon wherein if inaccurate determination was made that an item was in contrary treated, natural, undetermined or processed or for Laboratory Analysis Bellerophon wherein if inaccurate determination was made that an item was in contrary treated, natural, undetermined or processed or for Laboratory Analysis Bellerophon wherein if inaccurate determination was made that an item was in contrary treated, natural, undetermined or processed or for Laboratory Analysis

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LIMITATION OF LIABILITY: Client agrees that Laboratory Analysis Bellerophon and its employees and agents shall not be liable for any indirect, consequential, incidental, exemplary, punitive, statutory, or special damages, including without limitation to lost profits, with respect to or arising under or related to this agreement, the services or report, even if advised of the possibility of such damages. With the exception of Laboratory Analysis Bellerophon obligation to pay client the insurance proceeds referenced above, in no event shall the total, cumulative liability of Laboratory Analysis Bellerophon obligation to pay critical business. The limitations on liability in this agreement shall apply to any claims and causes of action, under any theory of liability, whether in contract, tort including without limitation neglig ence, indemity, or otherwise, and shall be deemed to apply to the maximum extent permitted by applicable law and notwithstanding the failure of the essential purpose of any limited remedy set forth in this agreement. All parties have fully considered the foregoing allocation of risk and the remedies set forth in this agreement and find such allocation and remedies to be reasonable and agree that the foregoing initiations within this agreement are an essential basis of the barga in between the parties.