

## Largest Independent Laboratory Network For Testing and Grading Gemstone & Fine Jewellery

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## **GEM TESTING REPORT**

Certificate No.: 01156797

April 14th, 2021

LABORATORY REPORT (ORIGINAL)

TO WHOM IT MAY CONCERN.

**Natural Sapphire** 

**Stone Weight** Shape Measurement Colour **Optic Character** Refractive Index **Specific Gravity** Magnification Comments

9.15 Cts. Rectangular Step Cut 5.24 x 10.79 x 14.47 mm Dark Blue DR 1.76 - 1.783.85 Color Zoning **Dye Concentration** 



## Photo Approx.

The Gem Stone Report has been concluded using standard International Methods. Observations which are not applicable or needed are not performed.

Gem Classification b	Classification by Origin	
Natural Gem	A gem material which is entirely the product of nature, eg.Diamond, Corundum, Beryl, Quartz, Garnet, Tourmaline, Topaz, etc.	
Enhanced or Treated gem	Any gem material (natural or otherwise), which has been altered by humans. Beyond ordinary cutting and polishing, eg. Fracture Filled Ruby etc.	
Synthetic gem	Some as natural gem (in terms of composition, Structure, properties and appearance), except made by humans in laboratory, eg. Synthetic	
	Emerald, Synthetic Spinel, Synthetic Sapphire, Synthetic Cubic Zirconia, etc.	
Assembled gem	A gem material (natural or otherwise) which has been altered by humans. Beyond ordinary cutting and polishing. eg. Fracture Filled Ruby etc.	
Imitation	A material (natural or otherwise) Which has the same appearance as Gem it imitates, eg. Glass as an imitation of Diamond, Red Spinel	
	as an imitation of Ruby etc.	



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Vikram Thapar

Gemologist

The gemological analysis of diamonds, precious stones and other minerals must be carried out by gemologists with many years experience in this fields who have a keen sense of the professional code of ethics governing their work as well as a through knowledge of crystallographic, optical and physical phenomenom. The identification of the various species and varieties of stones, the distinction between natural and synthetic material, as well as various treatment method currently encountered are all very sensitive factors. More specifically for diamonds, the laws of refraction and dispersion of light, the related geometric data as well as knowledge of all aspects involved in the cutting process are

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Date mentioned in the report is the date of performance of test