

Bellerophon | Gemlab

Gemmological Testing Results

Monday, August 9, 2021

26 gemstones

Reference No. 3952

Reference Item No.	Carat	Identification	Comment(s)	Piece(s)
V00P00001	0.45	Natural SAPPHIRE	No indications of heating	6
V00P00001 b	0.01	Synthetic SAPPHIRE	Lab-grown	1
V00P00002	0.88	Natural EMERALD	No indications of clarity modification	14
V00P00002 b	0.08	Natural EMERALD	Indications of Oil	4
V00P00002 c	0.01	Natural EMERALD	Indications of Resin	1

What did we checked: ID, Genesis, Thermal treatment, Diffusions, Oil and Resin.

How did we checked: EDXRF, FTIR, PL532 and Raman

This document represent **Bellerophon** professional opinion, based on state-of-the art techniques and instruments at the time of examination, describing the authenticity of the item(s). This document also describes the quality characteristics of the gemstone(s), based on its gemmological properties and internal features and discloses any treatments find at the time of examination.

I. Method of analysis, restrictions: Bellerophon shall carry out the analysis according to its state-of-the-art methods at the time of order, including quasi nondestructive methods such as Laser Ablation (LA & LIBS) testing unless explicitly excluded by the client. Unless client informs Bellerophon that an item submitted has already been tested before, it will be considered a new submission. It is possible that a later re-examination of the gemstone(s) may lead to different results, should the applicable scientific standards for the examination change.

II. Warranty: Bellerophon guarantee careful contract performance within the scope of analysis and its limits, according to state-of-the-art testing methods and gemmological science In the occurrence of a warranty claim Bellerophon is not liable for damages incurred by client or third parties, be it direct, and/or indirect.