

PICTURE OF ITEM(S)



Picture is not actual size. The color of the item(s)
and the color of the picture may be different.

ALGT COLORED STONE IDENTIFICATION REPORT

IDENTIFICATION

Species Natural Beryl
Variety Emerald

DESCRIPTION

Shape & Cutting Style ... Modified Octagon, Emerald Step Cut
Measurements 6.73 x 6.53 x 4.82 mm
Carat Weight 1.31 Carat
Color Vivid/Deep Green
Transparency Transparent

ADDITIONAL GRADING CHARACTERISTICS

Color Quality Grade Extra Fine Color Quality
Origin Colombia
Origin determination is an expert opinion based on microscopic examination, spectroscopic features and chemical trace element analysis.

COMMENTS

Minor amount of resin in fissures at the time of testing.
Clarity enhancement in emeralds is a common practice in
trade. This enhancement is reversible at any time.

MAIN PROPERTIES OF EMERALD

Chemical Composition $\text{Be}_3\text{Al}_2(\text{SiO}_3)_6$
Crystal System Hexagonal
Mohs Hardness 7.5 - 8.0
Specific Gravity 2.62 - 2.80 g/cm³
Optical Character Uniaxial-
Refractive Index 1.560 - 1.602
Birefringence 0.004 - 0.010

Please visit our website
for more information:
www.algtlabs.com



Reportcheck QR

