



GEMMOLOGICAL REPORT

Report Number
25111035

Colour
greenish-blue

Date
7 November 2025

Species
Natural tourmaline

Item
One faceted gemstone

Variety
Paraíba

Weight
18.91 ct

Condition
No indications of heating.

Shape
oval

Comments
See Information Sheet(s).

Cut
modified brilliant cut

Important notes and limitations on the reverse.

Measurements
20.24 x 16.19 x 8.01 mm

Transparency
transparent

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INFORMATION SHEET

to Report No. 25111035

Paraíba tourmaline

The so-called 'Paraíba tourmalines' entered the international gem market towards the end of the 1980s. They immediately became prized and coveted for their vivid coloration which ranges from violetish-blue to greenish-blue to green (including blue-green, turquoise-blue, and emerald-green) with medium-light to high saturation and tone. The colours of these tourmalines (sometimes also referred to as 'electric blue' or 'neon green' in the trade) are caused by varying amounts of the elements copper and manganese. The bright vivid blue and green 'Paraíba colours' have not been seen in any other gemstone variety.

The first 'Paraíba tourmalines' originated from a deposit near the village of São José de Batalha in the north of Paraíba state, Brazil.

Later, by the mid-nineties, other occurrences were discovered in the northernmost part of Paraíba state and in the adjacent, southernmost corner of Rio Grande do Norte state, near the town of Parelhas. In 2000, another source of this colour variety of tourmalines was discovered in Nigeria. More recently, the Alto Ligonha region in Mozambique joined the small and exclusive group of mining areas where 'Paraíba tourmalines' are found.

In all these areas, particular geochemical surroundings cause the formation of exceptional tourmalines in pegmatite host rocks. These surroundings are also responsible for the unique colours of the 'Paraíba tourmaline'.

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.