

INTRODUCING

Origin Determination

PARAIBA TOURMALINES

IIGJ Lab, a project of the GJEPC, has introduced origin determination services for Paraiba Tourmalines. The variety name ‘Paraiba Tourmaline’ is used for copper-bearing tourmaline irrespective of the geographical location, where it is mined. The most important commercial deposits of Paraiba tourmaline are in **Brazil, Mozambique and Nigeria**.

By leveraging advanced analytical techniques such as chemical composition analysis, spectroscopy, and inclusion studies, IIGJ Lab is able to scientifically assess and determine the probable origin of these gemstones.

Fee Schedule

Single Stones	Member (GJEPC) Per stone	Non-Member Per stone
Up to 10.00 ct	₹3,000	₹3,500
Above 10.00 ct	₹4,000	₹4,500

Packet Lots Minimum size: 1 ct	Member (GJEPC) Per stone	Non-Member Per stone
5 – 15 pc in packet	₹2,500	₹3,000
16 – 49 pc in packet	₹2,200	₹2,700
50 or above in packet	₹1,800	₹2,300

Bead Strings	Member (GJEPC)	Non-Member
	Per 10 cm	
- Minimum size of bead: 4 mm - Results will be based on 25% sampling of pieces from the given length. - Minimum chargeable: 10 cm	₹15,000	₹18,000

Above fee is inclusive of GST.

Lab Membership and Jewellers Association’s Discounts are Applicable. - **T&C Apply**

 Laboratory

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IIGJ Lab has aligned the nomenclature for ‘Paraiba Tourmaline’ with global standards.

IIGJ Lab will now qualify only those tourmalines as ‘Paraiba’ which are blue (electric blue, neon blue, violet blue), bluish green to greenish blue, green or yellowish green, and are coloured by copper and manganese. While other colours such as pink or purple will not be qualified as ‘Paraiba’ in the variety name. However, presence of copper and manganese will be stated in the comments section of the report for such stones.



Paraiba Tourmaline report criteria:

Colour Range	Electric blue, neon blue, violet blue, bluish green to greenish blue, green or yellowish green
Variety	Paraiba Tourmaline
Species	Tourmaline
Comment	Paraiba is a gem variety of tourmaline containing copper (Cu) and manganese (Mn). The name "Paraiba" is derived from the Brazilian locality where this gemstone was first mined. Today it may come from other localities.

Copper bearing Tourmaline report criteria:

Colour Range	Outside the range of electric blue to yellowish green
Variety	Tourmaline
Species	Tourmaline
Comment	This copper (Cu) and manganese (Mn) bearing tourmaline may also be called "Paraiba tourmaline" in the trade. The name "Paraiba" is derived from the Brazilian locality where this gemstone was first mined. Today it may come from other

 Collection Center

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