

Laboratory International Gemological Institute (India) Private Limited, 702, The Capital, Bandra Kurla Complex, Bandra (E), Mumbai, Maharashtra
Accreditation Standard ISO/IEC 17025: 2005
Certificate Number TC-6078 *(In lieu of T-1334)* **Page 1 of 1**
Validity 26.10.2017 to 25.10.2019 **Last Amended on** --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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MECHANICAL TESTING

I.	MECHANICAL PROPERTIES OF MATERIALS			
1.	Loose Polished Diamonds	Carat Weight	IGI-I-1028-A (Revision 02)	0.18 carat to 60.00 carat
		Dimensions: Diameter Total Depth Table Crown Height Pavilion Depth Crown Angle	IGI-I-1028-B (Revision 02)	(0.18 carat to 60.00 carat) 3.40 mm to 25.50 mm 1.70 mm to 17.80 mm 1.50 mm to 17.85 mm 0.23 mm to 4.85 mm 1.19 mm to 12.20 mm 22° to 45°
		Clarity	IGI-I-1028-C (Revision 02)	Qualitative Internally Flawless VVS ₁ , VVS ₂ , VS ₁ , VS ₂ , SI ₁ , SI ₂ , I ₁ , I ₂ , I ₃ Accuracy (± 1 Grade)
		Color	IGI-I-1028-D (Revision 02)	Qualitative D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z & natural fancy Accuracy (± 1 Grade)
		Fluorescence	IGI-I-1028-E (Revision 02)	Qualitative (None, Very Slight, Slight, Strong) Accuracy (± 1 Grade)
		Finish Grades Polish and Symmetry Cut Grades	IGI-I-1028-F (Revision 02)	Qualitative (Excellent, Very Good, Good, Fair, Poor) (Ideal, Excellent, Very Good, Good, Fair, Poor) Accuracy (± 1 Grade)
		Spectropic Test for the Identification of Natural Diamond	IGI-I-1028-G (Revision 02)	Qualitative