

Laboratory	International Gemological Institute (I) Pvt. Ltd., 702, The Capital, Bandra Kurla Complex, Bandra (E), Mumbai		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	24.09.2013
Certificate Number	T-1334	Valid Until	23.09.2015
Last Amended on	-	Page	1 of 2

S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
1.	LOOSE POLISHED DIAMONDS		IGI-1-1028: 2007 (Rev No. 1)	
		Carat Weight	IGI-1-1028: 2007 A	0.18 to 60.00 carats
		Dimensional Measurement	IGI-1-1028: 2007 B	
		Diameter in mm	(Sarin Machine)	1.00 to 28.00
		Total Depth in mm		0.45 to 20.00
		Table in mm		0.45 to 23.00
		Crown Height in mm		0.06 to 7.00
		Pavilion Depth in mm		0.35 to 16.00
		Crown Angle in °		20.0 to 50.0
		Clarity	IGI-1-1028: 2007 C	Qualitative (Internally Flawless, VVS1, VVS2, VS1, VS2, SI1, SI2, I1, I2, I3)
		Color	IGI-1-1028: 2007 D	Qualitative (D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z and Natural Fancy)
		Fluorescence	IGI-1-1028: 2007 E	Qualitative (None, Very Slight, Slight, Strong)
		a) Polish b) Symmetry	IGI-1-1028: 2007 F	Qualitative (Excellent, Very Good, Good, Fair, Poor)
		c) Cut Grade		Qualitative (Ideal, Excellent, Very Good, Good, Fair, Poor)

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	LOOSE POLISHED DIAMONDS	High Pressure High Temperature Treatment Test	IGI-1-1028: 2007 G	Qualitative

-X-X-X-X-X-X-X-X-X-X-X-X-