



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

Electrical Engineering Department

Powai, Mumbai 400076.

Ref No. (PR No.1000058382)

(Rfx No. 6100003162)

Technical Specifications: 12C-enriched DNVB14 & 12C-enriched 1 μ m NV layer. (Qty: 2)

Sr. No	Item Description	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1	12C enriched DNVB14 (Qty.01)	DNV B14 specification but with > 99.99% 12C T2* typically 1 μ s 1 plate lasered into 4 parts (for the 4 parts) Part number: 145-DEV-1002		
2	12C enriched 1 μ m NV layer samples (N15 enriched) (Qty.01)	~1 μ m NV layer on electronic grade substrate NV layer details: > 99.99% 12C, >98% 15N, ~16 ppm [N], ~ 4.5 ppm [NV], ~1 μ s T2*, Dimensions: $\geq 4.0 \times 4.0$ mm, ~500 μ m thickness As grown surface, polished bottom and lasered edges 1 plate lasered into 4 parts (for the 4 parts) Part number: 145-DEV-1003		