

HI - TECH SOLUTIONS

(Manufacturing A.R.T. Goods)

Certificate of Analysis

RZD-116, Kh. No. 78/18 Nihal Vihar Nangloi
New Delhi India 110041
+91 11 26691486, +91 11 26693949

Product: **CRYO-DENS 1**
Density Gradient Solution
Sperm Processing Medium

Catalogue: HTSCD1HD80

Lot #: 1026

Expiry: 2016-11

Storage: 2 – 8 °C

Volume: 10 x 2 ml

Product manufacture by HI-TECH SOLUTIONS produced using distilled water that meets water for injection. Using detailed formulation, production and test protocols. HI-TECH SOLUTIONS sperm processing density gradient media produced under a certified ISO 9001:2008, CE and GMP manufacturing facility licensed.

Test	Specifications/Range	Result
Color	Light pink – Dark pink	Light pink
Clarity	Clear & Particle free	clear, no particles
Osmolality (mOsm/kg)	280-300 (mOsm/kg)	290 (mOsm/kg)
Endotoxin (EU/ml)	< 1EU/ml	< 0.4 EU/ml
Sterility	Negative	Negative
Sperm Survival	18-36 hr (>50%)	30 hr (>50%)
pH	7.2 – 8.0	7.4