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Product Specifications

Catalogue Number	01597
Product	Deoxyribonucleic acid sodium salt (from calf DNA sodium salt Thymonucleic acid sodium salt
CAS Number	73049-39-5
Appearance	White fibers
Gel Strength	Sample migrates slower on a 1% Agarose gel than a standard with an S20 w of 26 (23.10 bp)
Elemental Analysis (Theory)	Nitrogen (Dry wt basis) : 14.5% $\pm$ 0.4% Phosphorus (Dry wt basis) : 8.0% $\pm$ 0.4%
Stability	Indefinitely stable, hence no expiration date
UV Ratios	$\lambda_{\max}$: 257 nm $\pm$ 3 nm A260u/mg : 17.6 $\pm$ 0.4 nm 250/260 : 0.87 $\pm$ 0.03 280/260 : 0.55 $\pm$ 0.03 290/260 : 0.24 $\pm$ 0.03 All readings measured in 0.1M NaCl. 0.02M Na2HPO4 (pH 7.5)
Storage	Store at $\leq$ -20 °C
Additional Information	Hyperchromicity (From melting curve) : 31 $\pm$ 3.1% Heating rate : $\leq$ 1 C/min

For Laboratory Use Only