



INTEGRATED DNA TECHNOLOGIES

SPECIFICATION SHEET

WWW.IDTDNA.COM

03-Oct-2014

Order No. **8281676**Ref. No. **96862240**

Sequence - DNA90

100 nmole DNA Oligo, 90 bases

5'- GAA TGG ACC GGC CAA CAT TGT ACA TGG GTT TGA TAG CTT GAC GGC AAG CGC GAA TCG TGC
TTG CAT GTC CGA CTA CTC CAG CTC CCA CTA -3'

Properties

T_m (50mM NaCl): 73.3 °C
GC Content: 53.3%
Molecular Weight: 27,704.9
nmols/OD260: 1.2
 μ g/OD260: 32.6
Ext. Coefficient: 850,700 L/(mole·cm)

Amount Of Oligo

74.2 = 87.2 = 2.42
OD₂₆₀ nMoles mg

Shipped To

MBL MBL
MEDICAL AND BIOLOGICAL LABORATO
SAIKYO BLDG 4F 2-9-3, ITABASHI
TOKYO, 173-0004
JAPAN
+81-3-5248-2861
Customer No. 4405934 PO No. Sample Oligo O

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): -10.76 at 25 °
Strongest Folding T_m : 54.2 °C

Oligo Base Types

DNA Bases 90

Modifications and Services

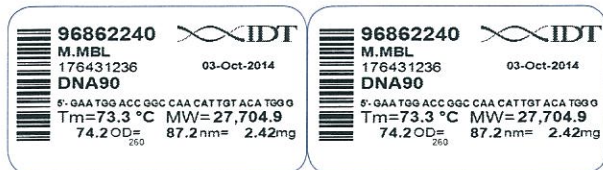
Standard Desalting 1

Disclaimer

See on reverse page notes (I) (II) & (III) for usage, label
license, and product warranties

Mfg. ID 176431236

Labels - Peel Here

**I N S T R U C T I O N S**

•Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the oligo.

•Please centrifuge tubes prior to opening. Some of the product may have been dislodged during shipping.