

Minimum & average ODs for unmodified DNA Oligos

Salt Free

Synthesis Scale / Length		5 - 17 mer	18 - 35 mer	36 - 50 mer	51 - 80 mer	81 - 120 mer
0.01 μ mol	minimum	3.0	4.0	7.0	xxx	xxx
	average	6.0	8.5	14.5	xxx	xxx
0.05 μ mol	minimum	4.0	6.0	10.0	10.0	10.0
	average	8.0	12.5	20.0	25.0	30.0
0.20 μ mol	minimum	10.0	12.0	20.0	25.0	25.0
	average	20.0	25.0	40.0	35.0	na
1.0 μ mol	minimum	30.0	35.0	50.0	60.0	60.0
	average	na	na	na	na	na

HPSF

Synthesis Scale / Length		5 - 17 mer	18 - 35 mer	36 - 50 mer	51 - 80 mer	81 - 120 mer
0.01 μ mol	minimum	1.5	2.0	2.5	xxx	xxx
	average	3.0	5.0	9.0	xxx	xxx
0.05 μ mol	minimum	2.0	3.0	5.0	3.0	3.0
	average	4.0	7.5	15.0	15.0	15.0
0.20 μ mol	minimum	4.0	6.0	10.0	10.0	10.0
	average	na	15.0	25.0	25.0	22.0
1.0 μ mol	minimum	15.0	25.0	30.0	30.0	30.0
	average	na	40.0	50.0	45.0	na

HPLC

Synthesis Scale / Length		5 - 17 mer	18 - 35 mer	36 - 50 mer	51 - 80 mer	81 - 120 mer
0.01 μ mol	minimum	1.0	1.5	2.0	xxx	xxx
	average	2.5	4.0	6.0	xxx	xxx
0.05 μ mol	minimum	2.0	2.5	3.0	3.0	3.0
	average	3.5	6.0	10.0	9.5	9.3
0.20 μ mol	minimum	4.0	6.0	8.0	8.0	8.0
	average	6.5	13.5	17.5	14.0	10.0
1.0 μ mol	minimum	10.0	10.0	20.0	20.0	20.0
	average	18.5	35.0	40.0	25.0	na