

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 µmol	minimum	3.0	4.0	7.0	xxx	xxx
	average	6.0	8.5	14.5	xxx	xxx
0.05 µmol	minimum	4.0	6.0	10.0	10.0	10.0
	average	8.0	12.5	20.0	25.0	30.0
0.20 µmol	minimum	10.0	12.0	20.0	25.0	25.0
	average	20.0	25.0	40.0	35.0	na
1.0 µmol	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 µmol	minimum	1.5	2.0	2.5	xxx	xxx
	average	3.0	5.0	9.0	xxx	xxx
0.05 µmol	minimum	2.0	3.0	5.0	3.0	3.0
	average	4.0	7.5	15.0	15.0	15.0
0.20 µmol	minimum	4.0	6.0	10.0	10.0	10.0
	average	na	15.0	25.0	25.0	22.0
1.0 µmol	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 µmol	minimum	1.0	1.5	2.0	xxx	xxx
	average	2.5	4.0	6.0	xxx	xxx
0.05 µmol	minimum	2.0	2.5	3.0	3.0	3.0
	average	3.5	6.0	10.0	9.5	9.3
0.20 µmol	minimum	4.0	6.0	8.0	8.0	8.0
	average	6.5	13.5	17.5	14.0	10.0
1.0 µmol	minimum	10.0	10.0	20.0	20.0	20.0
	average	18.5	35.0	40.0	25.0	na

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Synthesis Scale / Length		5 - 17 mer	18 - 35 mer	36 - 50 mer	51 - 80 mer	81 - 120 mer
0.05 µmol	minimum	0.5	0.5	0.5	0.5	0.5
0.20 µmol	minimum	0.5	0.5	0.5	0.5	0.5