

Oligonucleotide Quality Control

According to the oligo specifications, we perform quality controls for free as reported in the table below.

| Oligo Type | | MS ¹ | UHPLC | CGE ² |
|---------------------------------|-------------------|-----------------|----------------|------------------|
| Custom Oligonucleotides | Unmodified | | | |
| | Modified | ✓ ³ | | |
| | UltraPureGold™ | ✓ | ✓ | |
| qPCR Probes | Double Dye Probes | ✓ | ✓ | |
| | Molecular Beacons | ✓ | ✓ | |
| | MGB Probes | ✓ | ✓ | |
| RNAi Oligonucleotides | siRNA Duplexes | ✓ | | |
| NGS Oligonucleotides | | ✓ | ✓ | |
| Complex Oligonucleotides | | ✓ | ✓ ⁴ | ✓ ⁴ |
| Calibration Oligos | | ✓ | ✓ | |
| Universal Primers | | ✓ | ✓ | |

MS: Mass Spectrometry; UHPLC: Ultra Performance Liquid Chromatography; CGE: Capillary Gel Electrophoresis.

¹Always provided up to 60 bases long Oligonucleotides.

²Can be substituted by another analytical QC

³Except for SePOP desalted oligonucleotides.

⁴Optional.

For technical reasons this general rule may be adapted to provide you with the most suitable accurate oligonucleotide.