

Supplementary file 7. Studies and devices (devices with a *) excluded from the review because of the investigation of performances of chemometrics techniques rather than device(s) performances

Name of the device(s) (developer)	Reference
Antaris II FT-NIR Analyzer (ThermoScientific)*/RXN1 (Kaiser Optical)	[1]
Luminar 3070 (Brimrose Corp)*	[2]
ARCspectro FT-NIR (ThermoScientific)*	[3]
Antaris One (ThermoScientific)*/MPA spectrophotometer (Bruker Optics)/FTLA2000-PH60 (ABB-Bomem)*	[4]
Nicolet iS10 FT-IR (ThermoScientific)	[5] [6]
Antaris II FT-NIR Analyzer (ThermoScientific)*	[7]
RXN1 (Kaiser)	[8]
MATRIX-F (Bruker Optik GmbH)	[9]
i-Raman (B & W Tek)	[10]
MATRIX-F (Bruker Optik GmbH)/EQUINOX55 (Bruker Optic GmbH)*	[11]
SCiO (Consumer Physics)/MicroPhazir RX (ThermoScientific)	[13]
MPA spectrophotometer (Bruker Optics)	[14] [16] [23] [24] [29]
EZ-Raman I (Enwave Optronics Inc.)	[15]
Antaris II FT-NIR Analyzer (ThermoScientific)*/Nicolet 6700 FT-IR spectrometer (ThermoScientific)*/Confocal-Micro-Raman spectrometer HR 800 (LabRAM Raman series, Jobin Yvon)*	[17]
MiniRaman II (B & W Tek)	[12] [18] [19]
Sapphire NIR-CI 2450 (Malvern)*	[20]
Alpha Fourier transform infrared - unnamed (Bruker Optics)	[21]
MPA spectrophotometer (Bruker Optics)/RamanStation 400F (Perkin)*	[22]
MicroNIR Pro 1700 (Viavi Solutions Inc)	[25] [27]
RamSpec (Bayspec)*/Miniature Agility*/Xantus-2/Xantus-1/Xantus-Mini(Rigaku)*	[26]
Truscan (ThermoScientific)	[28]

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