Naziv uređaja Detektor naelektrisanja u aerosolu (CAD)	**Apparatus** The Charged Aerosol Detector (CAD)
Proizvođač i model/The manufacturer and model CORONA –Thermo Scientific / CORONA - Thermo Scientific	
Kratak opis metode CORONA – detektor naelektrisanja u aerosolu (CAD) je HPLC detektor koji se koristi za merenje supstanci u uzorku u obliku naelektrisnih aerosol čestica koje su detektuju elektrometrom.	**Short description of the method** CORONA - the Charged Aerosol Detector (CAD) is HPLC detector used to measure the amount of chemicals in a sample by creating charged aerosol particles which are detected using an electrometer.
Tehničke karakteristike Detekcija naelektrisanih čestica u stanju aerosola Brzina prikupljanja podataka 100 Hz Analogni izlaz 1 pA do 500 pA Brzina protoka 0.2-2.0 mL/Min Ulazni pritisak gasa (komprimovani vazduh ili azot) 70-80 Psig (482-551 kPa)	**Technical characteristics** Detection Mode Charged Aerosol Detection Data Collection Rate 100 Hz Analog Outputs 1 pA to 500 pA Flow Rate 0.2-2.0 mL/Min Inlet Gas Pressure (Compressed Air or Nitrogen Inlet Pressure) 70-80 Psig (482-551 kPa)
Primena i tip uzorka Koristi se za analizu svih ne-isparljivih u delimično isparljivih supstanci koje se ne detektuju UV/Vis detektorom zbog nedostatka hromofora.	**Application and sample type** It is commonly used for the analysis of all non-volatile and many semi-volatile compounds that cannot be detected using UV/Vis detector due to their lack of a chromophore.
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Link ka uređaju na sajtu proizvođača / Link of the product on the manufacturer's website	