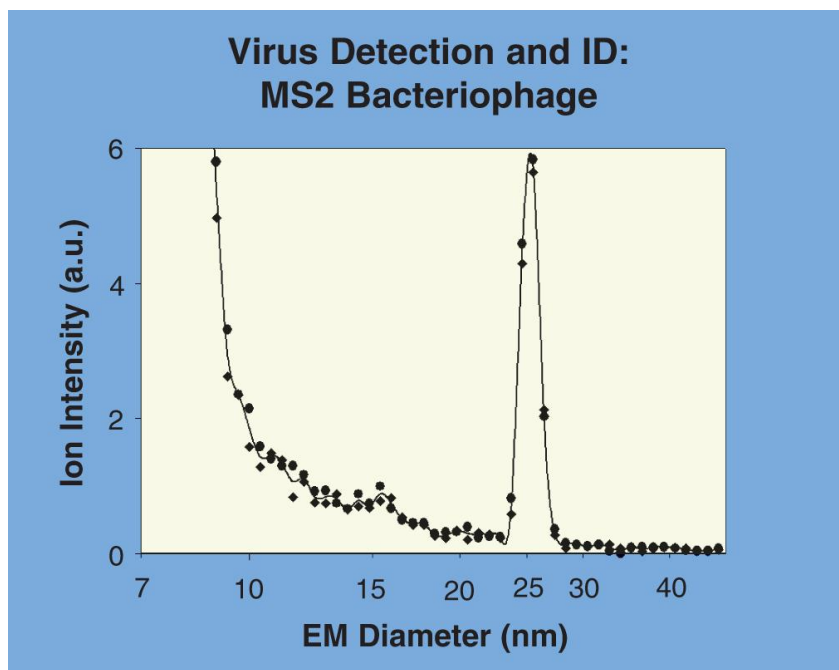


VIRUS SIMULANT MS2 BACTERIOPHAGE— *macroIMS*[™] SIZE SPECTRUM

APPLICATION NOTE CHEMC-004

Detection and identification of a virus surrogate by using a *macroIMS* system-generated size spectrum. The *macroIMS* system analyzes the MS2 bacteriophage intact, without the protein extraction or digestion that is customary with mass spectrometry based techniques.



Sample Description: Virus that infects only a specific strain of E.coli. $\sim 10^6$ virus particle/mL

Buffer: Ammonium acetate, 20 mM





UNDERSTANDING, ACCELERATED

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