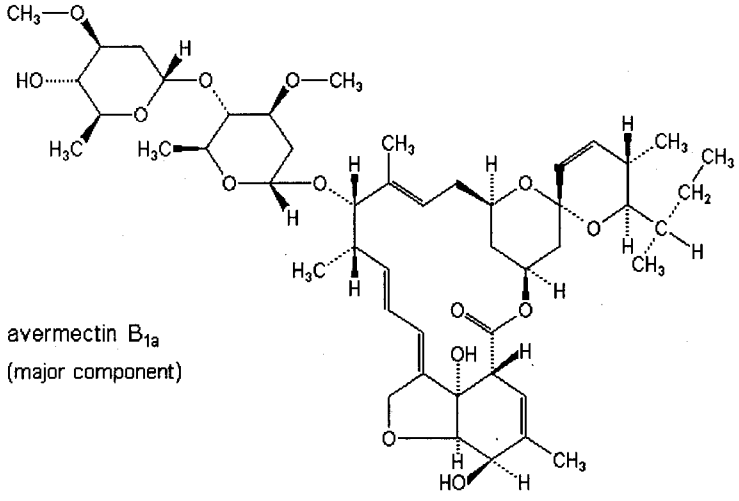
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Avermectin B1a

CAS No.: 65195-55-3
Formula: C48H72O14
Molecular mass (lowest isotopes): 872,49 amu

Structure:



avermectin B_{1a}
(major component)

Ionisation: ESI + Quasimolecular ion: 890,5 amu = [M+NH4]+

Analyte sensitive parameter set (API 2000)

Transition	890,5 → 305,1	890,5 → 145,2
Declustering potential (DP)*)	41 V	41 V
Focusing potential (FP)	350 V	340 V
Entrance potential (EP)	8,5 V	8,0 V
Collision cell entrance potential (CEP)	40 V	42 V
Collision energy (CE)	35 V	43 V
Collision cell exit potential (CXP)	16 V	6 V

*) For API 3000 and 4000 enhance DP by 20V

Fragmentation

2

Printing Date: 30 October 2002
Printing Time: 16:05:57

Acq. Date: Wednesday, October 30, 2002
Acq. Time: 16:04
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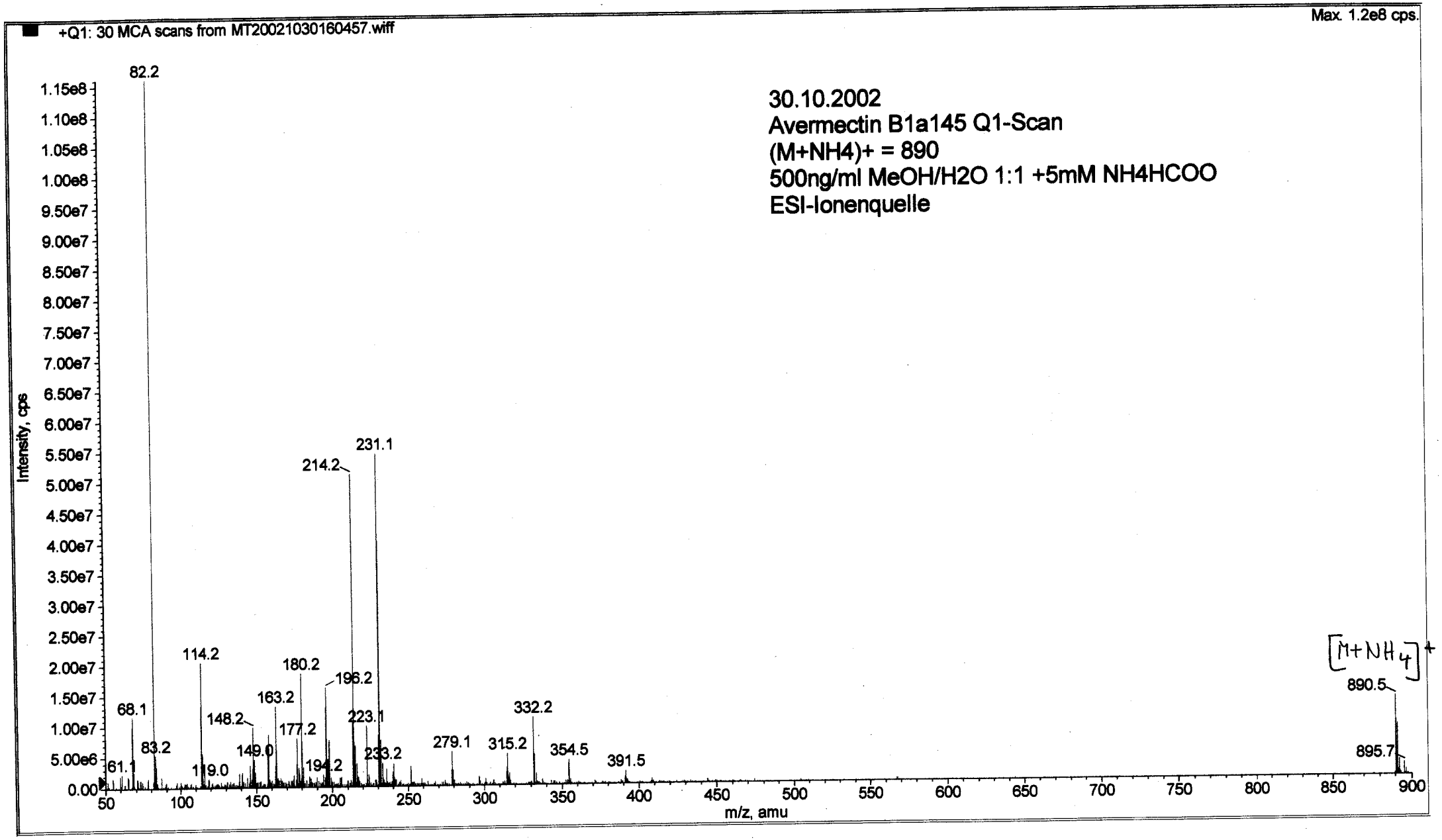

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Acq. File: MT20021030155612.wiff

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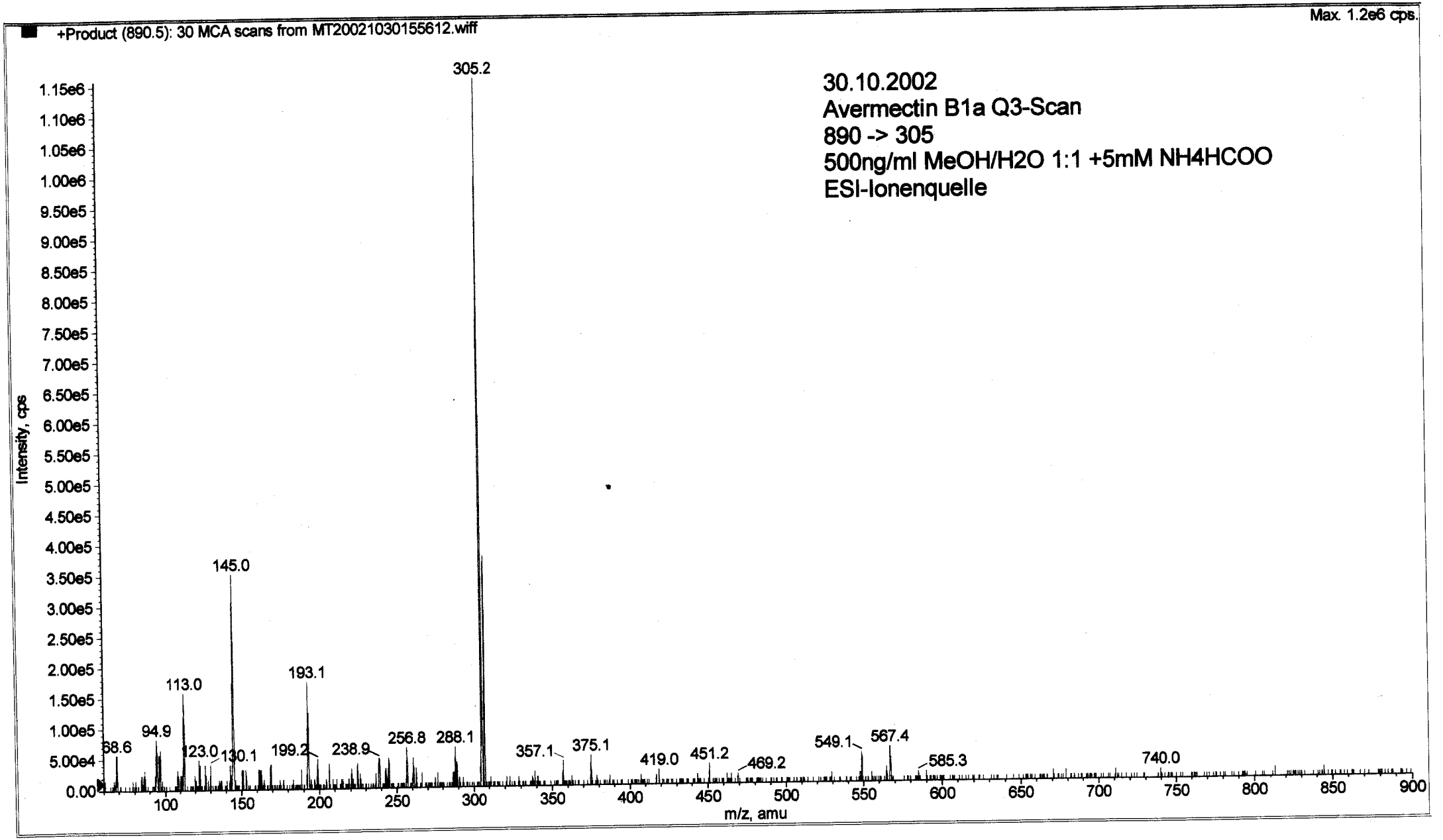

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