



Certificate of Composition

LC/MS Pesticide Comprehensive Test Mix Kit Sub Mix 7

Agilent Part Number: 5190-0551
Storage Condition: Freeze

Sample Lot Number: LC23292

Analyte	CAS#	Neat material Purity (%)	Analyte Concentration (µg/mL)
MIXTURE OF AVERMECTIN B1a and B1b (a)	71751-41-2	97.5	99.9
TEMEPHOS	3383-96-8	98.1	97.6
BENZOXIMATE	29104-30-1	99.1	99.1
BISPYRIBAC SODIUM SALT	125401-92-5	99.9	99.4(b)
CHLOROTOLURON	15545-48-9	99.7	100.2
CHLOROXYURON	1982-47-4	99.9	99.9
CYCLURON	2163-69-1	99.1	99.1
DINOTEFURAN	165252-70-0	98.6	99.1
DIOXACARB	6988-21-2	99.5	100.0
FENURON	101-42-8	96.1	100.4
FLUBENDIAMIDE	272451-65-7	98.3	98.3
FORCHLORFENURON	68157-60-8	99.9	99.4
FURALAXYL	57646-30-7	99.8	100.3
HEXAFLUMURON	86479-06-3	99.1	99.6
HYDRAMETHYLNON (AMDRO)	67485-29-4	99.5	99.5
MIXTURE OF IVERMECTIN B1a and B1b (c)	70288-86-7	94.0	100.1
METHIOCARB	2032-65-7	99.9	99.9
METHOPROTRYNE	841-06-5	96.9	99.8
MOXIDECTIN	113507-06-5	95.9	100.2
NITENPYRAM	150824-47-8	99.9	99.4
PROMECARB	2631-37-0	99.8	99.8
PYMETROZIN	123312-89-0	99.9	100.4
PYRACARBOLID	24691-76-7	99.8	100.3
QUINMERAC	90717-03-6	99.9	99.4
ROTENONE	83-79-4	99.1	99.1
SECBUMETON	26259-45-0	96.5	99.9
SPINOSAD A&D	168316-95-8	97.9	99.9
TEBUTHIURON	34014-18-1	97.7	100.1
THIDIAZURON	51707-55-2	99.7	100.2
MEXACARBATE	315-18-4	98.5	98.5

Solvent Composition	CAS#	Material Purity (%)
Acetonitrile	75-05-8	99.9

- (a) Concentration adjusted for B1a as the predominant isomer. The isomeric ratio is B1a 92.4%, B1b 2.9%.
- (b) As free acid
- (c) Concentration adjusted for B1a as the predominant isomer. The isomeric ratio is B1a 94.0%, B1b 3.0%.

Traceability:

This standard has been produced gravimetrically using ISO9001 quality procedures. NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is $\mu\text{g/mL} \pm 0.5\%$, uncertainty based upon balance and Class A volumetric glassware.

Date of Manufacture: 11 OCTOBER 2016

Date of Expiration: 11 OCTOBER 2017