



Labcare



Ehrenstorfer Quality



SMART SOLUTIONS™ IMIX PORTFOLIO

Revolutionary reference material
mixtures designed to increase your
lab's productivity

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LGC Quality | ISO 17034 | ISO/IEC 17025 | ISO 9001

A REVOLUTIONARY SOLUTION Labcare

LGC Standards' expanding portfolio of **iMix products** are unrivalled in the market. Our expert chemists have focused their collective knowledge, gained from many years of manufacturing reference materials, to push the limits of analytical chemistry. Our entire iMix range is manufactured according to ISO 17034, which means you get the most comprehensive Certificate of Analysis possible. These mixes are designed for optimal analyte elution and maximum stability. Their precise formulation reduces the need for complicated method development or dilution steps. This means less risk of error and more confidence in your results. Our iMix portfolio continues to expand as we develop new and innovative ways to create mixtures with a large number of analytes; all with the goal of making our customers' analyses easier and faster.



PharmaVetResiMix Kit

The Dr. Ehrenstorfer Smart Solutions™ PharmaVetResiMix Kit combines 59 analytes into 4 mixtures, designed for optimising quick calibration and mass screening for LC/MS. Improve efficiency and free up resources with the largest



mix of its kind on the market. All our mixes are produced in one of our ISO 17034 accredited facilities, giving you the greatest confidence in your results.

Learn more about our PharmaVetResiMix Kit.

Part No.	Description	UoM	Format	No. of Analytes	Shelf life
DRE-K30000030	Smart Solutions™ v59 PharmaVetResiMix Kit 1	4 x 1 mL	Kit	59	36 months
DRE-A30000031ME	PharmaVetResiMix 1 Avermectins-v6 10 µg/mL in Methanol	1ml	Mixture	6	36 months
DRE-A30000032ME	PharmaVetResiMix 2 Benzimidazoles-v14 10 µg/mL in Methanol	1ml	Mixture	14	36 months
DRE-A30000033ME	PharmaVetResiMix 3 Quinolones-v18 10 µg/mL in Methanol	1ml	Mixture	18	48 months
DRE-A30000034ME	PharmaVetResiMix 4 Sulfonamides-v21 10 µg/mL in Methanol	1 mL	Mixture	21	60 months

Complimentary mixes also available to support your analysis:

Part No.	Description	UoM	Format	No. of Analytes	Shelf life
DRE-A30000035ME	PharmaVetResiMix 5 Tetracyclines-v10 10 µg/mL in Methanol	1ml	Mixture	10	36 months
DRE-A30000036WL	PharmaVetResiMix 6 Betalactams-v23 0.2-2.5 µg/mL in Water:Acetonitrile	1ml	Mixture	23	4 months





GC PestiMix Kit

The Dr. Ehrenstorfer Smart Solutions™ v400 GC PestiMix Kit combines 431 analytes into just 5 mixtures provided as one kit. PestiMix is optimised for quick calibration and mass screening for GC/MS. This mixture is designed to provide optimal elution and maximum stability when used with

your triple quadrupole GC/MS or high-resolution GC/MS. This product is the first of its kind – a mass screening and spiking method validation product that doesn't sacrifice quality or reliability and therefore provides you with a solution to increase efficiency in your laboratory.

Learn more about our GC PestiMix Kit.

Part No.	Description	No. of Analytes
DRE-K50000291IT	Smart Solutions™ v400 GC PestiMix Kit	431
DRE-A50000292IT	GC PestiMix 1 10 µg/mL in Isooctane:Toluene (50:50)	92
DRE-A50000293IT	GC PestiMix 2 10 µg/mL in Isooctane:Toluene (50:50)	88
DRE-A50000294IT	GC PestiMix 3 10 µg/mL in Isooctane:Toluene (50:50)	87
DRE-A50000295IT	GC PestiMix 4 10 µg/mL in Isooctane:Toluene (50:50)	73
DRE-A50000296IT	GC PestiMix 5 10 µg/mL in Isooctane:Toluene (50:50)	91

LC PestiMix Kit

The Dr. Ehrenstorfer Smart Solutions™ v700 LC PestiMix Kit 2 – combining 739 analytes in just 5 mixtures provided as one kit designed for calibration and mass screening for LC/MS.

Learn more about our LC PestiMix Kit.

Part No.	Description	No. of Analytes
DRE-K50000087	Smart Solutions™ v700 LC PestiMix Kit	739
DRE-A50000082CM	LC PestiMix 1 5 µg/mL in Acetone:Acetonitrile: Methanol	216
DRE-A50000083AA	LC PestiMix 2 5 µg/mL in Acetonitrile:Acetone	200
DRE-A50000084AA	LC PestiMix 3 5 µg/mL in Acetonitrile:Acetone	197
DRE-A50000085AA	LC PestiMix 4 5 µg/mL in Acetonitrile:Acetone	99
DRE-A50000086AL	LC PestiMix 5 5 µg/mL in Acetonitrile	27





PFASiMix Kit

As labs look for ways to accomplish quantitative & targeted PFAS analysis, Dr. Ehrenstorfer offers a mixture that has 27 unique PFAS compounds, including those screened for in the US UCMR5 EPA rule. This mixture is designed with a

higher concentration to allow for clear signal intensity, even with the most difficult sample matrices. PFASiMix is a robust ISO 17034 mixture designed by our team of expert chemists, to help improve efficiency in the environmental testing laboratory.

Learn more about our PFASiMix Kit.

Part No.	Description	UoM	Format	No. of Analytes
DRE-A50000647MW	PFASiMix 100 µg/mL in Methanol:Water (96:4)	1ml	Mixture	27

TerpiMix Kit

The first of its kind mixture for quality testing in the cannabis industry, the Dr. Ehrenstorfer Smart Solutions™ TerpiMix Kit is designed for optimum stability and elution. This kit supports the testing of up to 63 different terpenes in just one mixture.

Learn more about our TerpiMix Kit.

Part No.	Description	UoM	Format	No. of Analytes	Shelf life
DRE-K50000655IP NEW	Smart Solutions™ TerpiMix Kit 2500 µg/mL in Isopropanol	3x1ml	Kit	63	550 days
DRE-A50000652IP NEW	TerpiMix 1 2500 µg/mL in Isopropanol	1ml	Mixture	22	550 days
DRE-A50000653IP NEW	TerpiMix 2 2500 µg/mL in Isopropanol	1ml	Mixture	22	1,825 days
DRE-A50000654IP NEW	TerpiMix 3 2500 µg/mL in Isopropanol	1ml	Mixture	19	1,825 days

WHAT IS YOUR SMART SOLUTION™?

Challenge us to meet your analyte needs, no matter the complexity. Put us to the test at lgcstandards.com/custom

