



CERTIFICATE OF PARTICIPATION

This certificate confirms that:
MPA Eberswalde, Materialprüfanstalt Brandenburg GmbH

took part in:
FAPAS Proficiency Test **19151**
Pesticides in Lemon Purée

and were allocated laboratory number **22**.

The performance of the laboratory is shown in the relevant report, which is available from the secure pages at www.fapas.com

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Table 1 (continued): Results and z-Scores for Acetamiprid, Azoxystrobin, Bromopropylate and Hexythiazox

| laboratory number | analyte | | | | | | | | | | | | | | | |
|----------------------|--|---------------|--------------|------------|---|---------------|--------------|-------------|--|---------------|--------------|-------------|--|---------------|--------------|------------|
| | acetamiprid assigned value 45.7 µg/kg | | | | azoxystrobin assigned value 75.9 µg/kg | | | | bromopropylate assigned value 123 µg/kg | | | | hexythiazox assigned value 86.4 µg/kg | | | |
| | result µg/kg | recovery % | LoQ µg/kg | z-score | result µg/kg | recovery % | LoQ µg/kg | z-score | result µg/kg | recovery % | LoQ µg/kg | z-score | result µg/kg | recovery % | LoQ µg/kg | z-score |
| 013 | # | | | | 67.03 | 75.4 | 0.01 | -0.5 | # | | | | 82.08 | 71 | 0.01 | -0.2 |
| 014 | 54 | | | 0.8 | 81 | | | 0.3 | 132 | | | 0.3 | 60 | | | -1.4 |
| 015 | 43 | 95 | 10 | -0.3 | 71 | 101 | 10 | -0.3 | 135 | 88 | 10 | 0.4 | 75 | 99 | 10 | -0.6 |
| 016 | # | | | | 80 | 92 | 10 | 0.2 | 141 | 96 | 10 | 0.7 | # | | | |
| 017 | 41.7 | 100 | 10 | -0.4 | 105.0 | 100 | 10 | 1.7 | 0 | 100 | 10 | -4.6 | # | | | |
| 018 | 40 | 83 | 10 | -0.6 | 68 | 101 | 10 | -0.5 | 108 | 87 | 5 | -0.6 | 62 | 85 | 10 | -1.3 |
| 019 | 54 | 101 | 10 | 0.8 | 82 | 91 | 10 | 0.4 | 125 | 72 | 10 | 0.1 | 117 | 89 | 20 | 1.6 |
| 020 | 31.9 | 69 | 20 | -1.4 | 60.8 | 90 | 30 | -0.9 | 130 | 89 | 60 | 0.2 | 87.9 | 102 | 60 | 0.1 |
| 021 | # | | | | # | | | | # | | | | # | | | |
| 022 | 56 | 100 | 10 | 1.0 | 83 | 115 | 10 | 0.4 | 144 | 86 | 10 | 0.8 | 113 | 98 | 10 | 1.4 |
| 023 | 33 | 99 | 10 | -1.3 | 100 | 98 | 10 | 1.4 | 195 | 97 | 10 | 2.7 | 85 | 98 | 10 | -0.1 |
| 024 | # | | | | 0 | | 0.490 | -4.5 | 70.80 | | 0.007 | -1.9 | # | | | |

= not analysed

z-scores outside $|z| > 2$ are shown in **bold**, see Section 5

Table 2 (continued): Results and z-Scores for Methidathion, Pirimiphos-Methyl, Prochloraz (parent only) and Thiabendazole

| laboratory number | analyte | | | | | | | | | | | | | | | |
|-------------------|---|---------------|--------------|-------------|--|---------------|--------------|-------------|---|---------------|--------------|---------|--|---------------|--------------|-------------|
| | methidathion assigned value 99.1 µg/kg | | | | pirimiphos-methyl assigned value 42.0 µg/kg | | | | prochloraz (parent only) assigned value 62.9 µg/kg | | | | thiabendazole assigned value 69.2 µg/kg | | | |
| | result µg/kg | recovery % | LoQ µg/kg | z-score | result µg/kg | recovery % | LoQ µg/kg | z-score | result µg/kg | recovery % | LoQ µg/kg | z-score | result µg/kg | recovery % | LoQ µg/kg | z-score |
| 013 | 90.69 | 72 | 0.01 | -0.4 | 46.86 | 70.4 | 0.01 | 0.5 | # | | | | 48.81 | 70.80 | 0.01 | -1.3 |
| 014 | # | | | | 34 | | | -0.9 | # | | | | # | | | |
| 015 | 126 | 98 | 10 | 1.2 | 39 | 100 | 10 | -0.3 | 75 | 100 | 10 | 0.9 | 74 | 100 | 10 | 0.3 |
| 016 | 102 | 97 | 10 | 0.1 | 0 | 97 | 10 | -4.5 | # | | | | 74 | 55 | 10 | 0.3 |
| 017 | 133.8 | 100 | 10 | 1.6 | 62.5 | 100 | 10 | 2.2 | 77.9 | 100 | 10 | 1.1 | 94.0 | 100 | 10 | 1.6 |
| 018 | 89 | 108 | 5 | -0.5 | 35 | 97 | 5 | -0.8 | 48 | 99 | 5 | -1.1 | 57 | 87 | 5 | -0.8 |
| 019 | 109 | 90 | 20 | 0.5 | 44 | 90 | 10 | 0.2 | 74 | 121 | 20 | 0.8 | 137 | 98 | 10 | 4.4 |
| 020 | 104 | 90 | 60 | 0.2 | 41.4 | 86 | 20 | -0.1 | # | | | | 32.4 | 60 | 20 | -2.4 |
| 021 | 0 | 105.0 | 10 | -4.5 | 10 | 95.0 | 10 | -3.5 | # | | | | # | | | |
| 022 | 126 | 115 | 10 | 1.2 | 60 | 83 | 10 | 2.0 | 70 | 107 | 10 | 0.5 | 70 | 135 | 10 | 0.1 |
| 023 | 135 | | 10 | 1.6 | 60 | 99 | 10 | 2.0 | 75 | 97 | 10 | 0.9 | 100 | 93 | 10 | 2.0 |
| 024 | 121.62 | | 0.085 | 1.0 | 36.13 | | 0.020 | -0.6 | # | | | | # | | | |

= not analysed

z-scores outside |z| >2 are shown in **bold**, see Section 5