

Measurement of sound power level according to
DIN EN ISO 3744:1995-11 and DIN EN ISO 11204:1996-7

Allround mixer MixMate

Eppendorf AG, 22331 Hamburg, Germany

1. Machine:

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|-----|-----------------------|------------------------|
| 1.1 | Type: | Allround mixer MixMate |
| 1.2 | Serial Number: | 5353 05003 |
| 1.3 | Year of construction: | 2008 |

2. Specifications:

See documents of the manufacturer

3. Measurement system:

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| 3.1 | Calibrated sound level meter: | Norsonic 118 |
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4. Measurement surface:

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|-----|-----------------------|-------------------------------------|
| 4.1 | Measurement surface: | hemisphere with 10 measuring points |
| 4.2 | Measurement distance: | 1 m |

5. Measurement conditions:

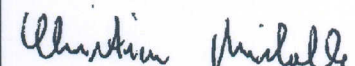
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|-----|-------------------------------------|------------------------------------|
| 5.1 | Environment: | Free field over a reflecting plane |
| 5.2 | Environmental correction K_{2A} : | 0.9 dB(A) |
| 5.7 | accuracy class | 2 |
| 5.8 | Operating conditions: | 3000 rpm |

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|----|---|------------|
| 6. | <u>Measurement surface sound pressure level:</u> | 46.1 dB(A) |
| | <u>Sound power level:</u> | 54.0 dB(A) |

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