Institut für Umwelt & Energie, Technik & Analytik e.V. (IUTA)
SMEPAC – list of analyzable substances, 04.08.2023
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Qualification according to SMEPAC (Standardized Measurement for Equipment Particulate Airborne Concentrations) according to ISPE (International Society for Pharmaceutical Engineering) Good Practice Guide: Assessing the Particulate Containment Performance of Pharmaceutical Equipment (APCPPE2, May 2012, Second Edition)

Analysable substances and limits of quantification at IUTA.

Substance	Limit of quantification (LOQ) c (µg/sample)
Adefovir dipivoxil	0.00125
Alectinib	0.0005
Anastrozol	0.0005
Androstadiendion (ADD)	0.0005
Azacitidin	0.0025
Azathioprin	0.0025
Benzbromaron	0.00125
Bicalutamide	0.0005
Capecitabine	0.0005
Carbinolamin	0.0005
Chlorambucil	0.02
Chlormethylnitroimidazol	0.005
Coffein	0.0025
Cyclophosphamide	0.0005
Dexamethason	0.005
Docetaxel	0.00125
Flupirtin	0.005
Hydrocortison	0.0025
Ifosfamide	0.0005
Lactose	0.005
Levothyroxin	0.0005
Mannitol	0.005
Masitinib	0.00125
Methotrexate	0.0005
Methotrexate-diethylester	0.0005
Naproxen	0.005
NATP	0.00005
Paclitaxel	0.0005
Paracetamol	0.0005
Prednisolon	0.00125
Relugolix	0,0025
Selexipag	0.0005
Spironolakton	0.025
Talazoparib	0.0005
Tamoxifen	0.0005
Tramadol	0.0005
Trazodon	0.00125

Substance	Limit of quantification (LOQ) c (µg/sample)
Trimethoprim	0.0005
Vismodegib	0.00005

Further substances and are possible on request. We also offer method development, optimisation and validation for new pharmaceutical ingredients (API) or surrogate substances.