

Eppendorf Certificate

Certificate of Quality Eppendorf Laboratory Consumables

STATEMENT ON BSE/TSE

As a leading manufacturer of biotech products, Eppendorf uses PP (polypropylene), PC (polycarbonate) and PE (polyethylene) granulates specifically suited for laboratory applications and the manufacturing process of laboratory consumables. PP, PC and PE granulates may contain small amounts of materials derived from animals.

Eppendorf only works with granulate suppliers who guarantee that their animal components derive exclusively from countries without BSE (bovine spongiform encephalopathy) occurrences. Risk materials are not used. Thus, the requirements of the EU Regulation 1326/2001 and Commission Decision 2001/2/EC regulating the use of materials presenting risks regarding transmissible spongiform encephalopathies (TSE) are fulfilled.

The granulate production includes – depending on the process – hydrolysis, esterification or hydrogenation steps in different variations. The common features of these steps include processing conditions with temperatures above 235 °C and pressures above 3,000 kPa with retention times up to several hours. The final product is obtained through fractionation, neutralization and purification.

The subsequent extrusion (for the production of granulate) takes place at minimum 200 °C for several minutes.

Thus, the production chain of raw materials by far exceeds the stringent requirement of 200 °C for 20 minutes (Annex VI, chapter III of EU Regulation 1774/2002, in EU Directives 2000/6/EC and 1999/82/EC, referring to Document EMEA/410/01-Final, latest version: Rev. 3 – 05.03.2011, and in the Report WHO/CDS/VPH/95.145). Any virus, bacterium, or substance causing immunological diseases (TSE, BSE, CJD) is destroyed.

Eppendorf states that the materials and laboratory consumables are to be considered safe with respect to BSE and TSE transmission when used in consumer applications.

This certificate applies to the following Eppendorf Laboratory Consumables:

Pipette tips	epT.I.P.S. [®] epT.I.P.S. [®] 384 Standard/Set/Box/Reloads/Singles/Racks epT.I.P.S. [®] Long epT.I.P.S. [®] LoRetention ep Dualfilter T.I.P.S. [®] ep Dualfilter T.I.P.S. [®] 384 ep Dualfilter T.I.P.S. [®] SealMax ep Dualfilter T.I.P.S. [®] LoRetention GELoader [®] Microloader [™]
--------------	--

Eppendorf Certificate

Positive displacement tips	Mastertip® Varitip P and Eppendorf Varitips® S Combitips advanced® incl. adapters Combitips plus® ViscoTip®
Automatic pipetting system tips	epT.I.P.S.® Motion
Pipettes	Eppendorf Serological Pipets
Eppendorf Tubes®	Eppendorf Tubes® 3810X/Flex-Tube® Eppendorf Safe-Lock Tubes Eppendorf LoBind® Tubes, Protein, DNA/RNA Eppendorf Tubes® 5 mL Eppendorf Conical Tubes Eppendorf Conical Tubes 25 mL
Eppendorf Plates®	Eppendorf Microplates Eppendorf Deepwell Plates Eppendorf LoBind® Plates Protein, DNA/RNA Assay Microplates
Eppendorf twin.tec® PCR plates	Eppendorf twin.tec® PCR Plates Eppendorf twin.tec® PCR Plates LoBind Eppendorf twin.tec® microbiology PCR Plates Eppendorf twin.tec® real-time PCR Plates
PCR tubes and PCR strips	PCR Strips, Cap Strips PCR Tubes Real-time PCR Tube Strips
Cell Culture Consumables	Eppendorf Cell Culture Dishes Eppendorf Cell Culture Plates Eppendorf Cell Culture Flasks Eppendorf Cell Imaging Dishes Eppendorf Cell Imaging Plates
Cuvettes	UVette®
Accessories	Tip-Tub Reagent Reservoir 5.0 mL Universal Adapter for centrifuges

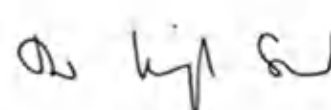
Hamburg, June 2019

Page 2 of 2

0015 033.509-04



Joana Tziolis
Expert Liquid Handling
LH-Consumables



Dr. Birgit Schreiber
Vice President Quality Management &
Regulatory Affairs

ISO 9001
Certified

ISO 13485
Certified

ISO 14001
Certified