

# Sterilization Certification

for

Sterile Top-line/ULR Pipette Tips  
Sterile Top-line/ULR Filter Tips  
Sterile PCR-tubes, Micro-tubes  
Sterile Cryo-tubes, Filter-tubes  
Sterile Filter Microplates, Receiverplates



Above AHN Biotechnologie Products are certified free of contamination (sterile) according to:

## EN 552/ISO 11137

The radiation has been performed in accordance to EN552 / ISO 11137 as well as to product specification.

## DIN EN 556

Sterilisation von Medizinprodukten – Anforderungen an Medizinprodukte, die als „steril“ gekennzeichnet werden (Sterilization of medical products-requirements for sterile medical products).

## E-Beam – Radiation GSE 80

|                    |                       |
|--------------------|-----------------------|
| Kind of radiation: | 10 MeV                |
| Irradiation cycle: | 15956/SE 283 + SE 284 |
| Power:             | 8 mA                  |
| Speed:             | 4,50 m/min            |
| Standard factor:   | 1,86                  |

## Dosemapping

|                  |                         |
|------------------|-------------------------|
| Average Density: | 0,181 g/cm <sup>3</sup> |
| Area Gravity:    | 1,806 g/cm <sup>2</sup> |
| Max. Dose:       | 37,7 kGy                |
| Min. Dose:       | 25,6 kGy                |
| Max./Min./s:     | 1,45 kGy                |

## SAL (Sterility Assurance Level)

**AHN Sterile Tips and Filter Tips are sterile according to ISO 11137 and DIN EN 556 if the packaging is undamaged! Customers of AHN Biotechnologie and customers of AHN Biotechnologie official distributors get a 2 years guarantee on this Sterility Assurance Level beginning with customers invoice date.**

## AHN Biotechnologie GmbH

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