



Certificate of Quality SmartPak® Direct-Q® 3 Purification Pack

We certify that the product described within meets the following criteria.

Catalogue Number : **SPR00SIA1**
Lot Number : **F7MA61587**
Manufacturing date : **25-SEP-2017**

ISO 9001 Quality standard

This product was engineered and validated in a Millipore SAS facility which Quality Management System is approved by an accredited registered body to ISO 9001 Quality Systems Standard.

Materials

SmartPaks purification packs contain a combination of purification media carefully selected to remove trace contaminants affecting specific applications. These are constructed from materials which are suitable for the production of pure and ultrapure water. The exclusive Jetpore®, ultrapure grade mixed-bed ion-exchange resin, is used in this SmartPak.

Product Integrity

This lot of product was statistically tested during manufacturing and met requirements for the seal integrity test.

Quality Assurance Lot Release Criteria

This manufacturing lot was sampled, tested and released by Quality Assurance to the following specification:

- Burst strength: Samples met the Millipore SAS requirements for destructive burst test.
- Resistivity: Samples met the requirements for ASTM Type 1 Water, achieving resistivity above 18.0 MΩ.cm at 25°C.

Burst test
> 23 bar
> 330 psi

Laetitia Breitwiller
Quality Assurance Manager – Lab Water