



Certificate of Quality QPAK® TEX Polishing Cartridge

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

Catalogue Number : QPAK00TEX
Lot Number : F1SB99424
Manufacturing date : 13-DEC-2021

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

QPAK TEX polishing cartridges contain a combination of purification media (including electronics grade ion exchange resins, activated carbon and the Organex Q™ scavenger mixture) carefully selected to remove contaminants from various feed water types.

These cartridges are constructed from polypropylene which are low in extractables.

Product Integrity

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

Capacity

The exclusive Jetpore®, ultrapure grade mixed-bed ion-exchange resin used in this QPAK insures a minimum total capacity of 77g NaCl. Dynamic capacity of this product is greater than 50g NaCl (tested according to Millipore SAS specifications).

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.
- TOC: Samples achieved TOC levels below the specifications given in table after flushing with RO water as indicated in the following table.

Burst test	TOC
> 20 bar	< 10 ppb

Laetitia Breitwiller
Quality Assurance Manager – Lab Water