

InertSphere® FA-1

For USP/EP/JP, Povidone, Formic Acid Test

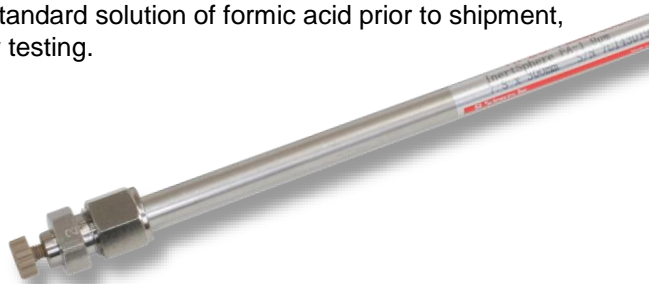
Povidone (polyvinylpyrrolidone, PVP) is used in the pharmaceutical industry as a synthetic polymer vehicle for dispersing and suspending drugs. It additionally acts as a disintegrant and tablet binder.

The revision to the harmonized standard for Povidone has been approved and Formic Acid in Povidone is now required to be measured.

The new InertSphere FA-1 columns are inspected using a standard solution of formic acid prior to shipment, which is the most appropriate column to be used in this new testing.

Physical Properties

- Base Gel : Styrene-Divinylbenzene Copolymer
- Particle Size : 9 μm
- Bonded Phase : Sulfonate groups
- Counterion : H⁺
- USP Code : L17



•Suitability requirements

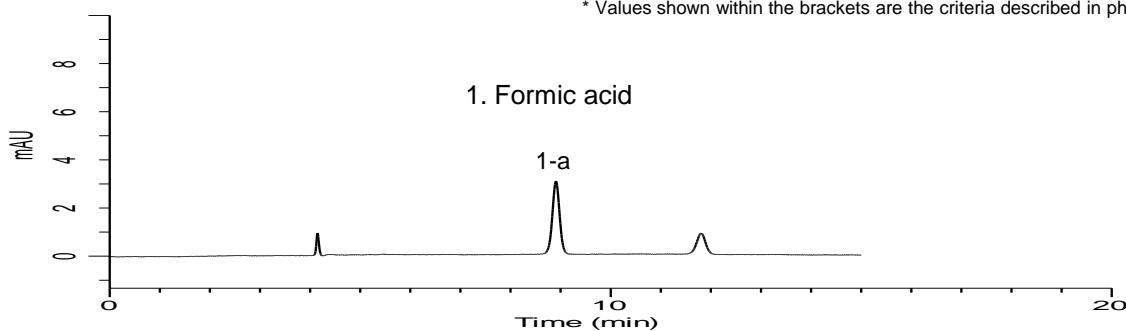
Theoretical plates (1-a) : 17,902 ($\geq 1,000$)*

Symmetry factor (1-a) : ($0.5 \leq$)* 0.99(≤ 1.5)*

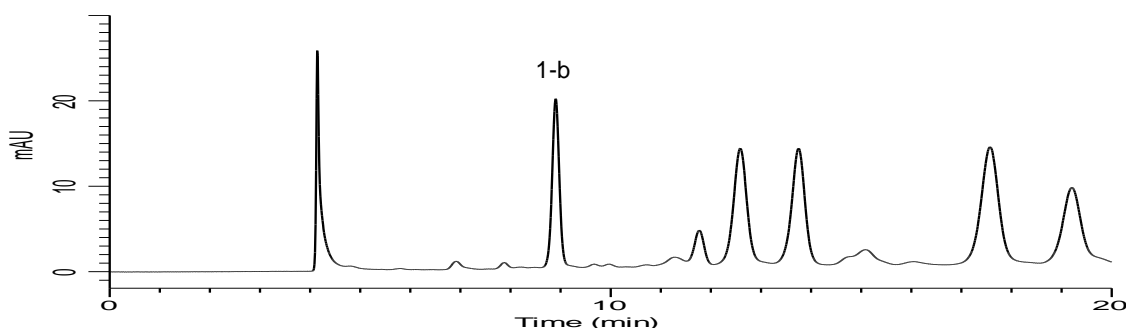
Relative standard deviation of Peak area (1-a) (%) (n=6) : 0.61 (≤ 2.0)*

* Values shown within the brackets are the criteria described in pharmacopeia methods.

【Standard solution】



【Povidone K15】



【Ordering Information】

Particle Size (µm)	I.D. (mm)	Length (mm)	Cat.No.
9	7.8	300	5020-11003

* End-fittings are 1/16" Waters-compatible.

Other Related Products**【 Glass Chromatography Column with Fritted Disc and PTFE Stopcock Plug】**

- Glass Chromatography Column with PTFE and Filter

8 mm I.D. x 200 mm Length
Cat.No. : 6010-23200

**【 For Povidone, Purity Test, Sample Preparation, Packing Material】**

- Packing Material for Glass Chromatography Column

Strong acid ion-exchange resin
MCI GEL CK08P 100 mL

Particle Size : 75~150 µm
Counterion : H⁺
Cat.No. : 5055-79540

【 Worldwide Ordering Information】

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