



## Specification of the material

Name: SophoMer™ F10 (*diagnostics grade*)

### Catalogue numbers / packaging size

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Cat No: F10 0010 dg	10 g net weight (MOQ)
Cat No: F10 0100 dg	100 g net weight
Cat No: F10 1000 dg	1 000 g net weight
Cat No: F10 CST_spec dg	customer specified net weight

### Characteristics of the material

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Type of material: Water-soluble copolymer

Appearance : White to Light Yellow powder

#### Solubility

Water: ~ 100 g/L

Ethanol: > 100 g/L

Average molecular weight (SEC): 30 -50 kg/mol

Water content (TGA): ≤ 5 % w (slightly hygroscopic, keep closed)

Residual solvents (GC-MS): ≤ 1.5 % w

Nonspecific Binding (NSB) blocking test (ELISA based): Pass

Liquid optical clarity test: Pass

### Packaging, storage and transport conditions

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Packaging: HDPE bottles

Storage conditions: 2-8°C in closed original packaging

Transport conditions: Ambient

Expiration period: 24 months recommended retest period