



**Can your solvent take the pressure?  
New Fisher Chemical UHPLC  
Gradient Grade Solvents can!**

- Acetonitrile
- Methanol
- Water

**Can your solvents  
take the pressure ?**

**New Fisher Chemical  
UHPLC Gradient  
grade can !**

 **Fisher Chemical**

### Product Line

Fisher Chemical – UHPLC gradient grade Solvents

Supplier – Thermo Fisher Scientific - Global Chemicals division

### What is it?

Fisher Chemical UHPLC gradient grade solvent is a unique range having an extraordinarily low solvent filtration of 0.1µm ensuring low baseline noise and reducing pump blockages.

UHPLC ( Ultra High Pressure Liquid Chromatography ) pump has become an indispensable instrument to get shorter run times .

### Solvents Features & Benefits

- Outstanding high UV transmission
- Interference free, low baseline noise at 210nm and 254nm
- Low acidity & alkalinity level
- Lot -to-lot consistency
- **Filtered to 0.1µm**

A/0650 Acetonitrile for UHLC Gradient Grade

M/4070 Methanol for UHLC Gradient Grade

W/0120 Water for UHLC Gradient Grade

**Packaging** : 1L & 2.5L Safety Glass bottle

### UHPLC pump system advantages

- Faster results and method development
- Improved resolution

### Where to Sell

- Pharmaceuticals
- Environmental
- Healthcare
- Life sciences

**Quality control & Research Labs working in UV detection**

### Selling Solution Opportunities

UHPLC Gradient Grade Solvents can be bundled with the Thermo Scientific CMD – Liquid Chromatography UHPLC system

-Accela 1250 system

-UltiMate 3000 Rapid Separation system ( ex-Dionex brand)

Thermo Scientific recommend UHPLC Gradient Grade solvents for all UPHLC application **using UV detection**

## Key Thermo Fisher Scientific Contacts

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## Competition

- CER HPLC Gold solvent
- Merck & JTBaker ( Avantor) offer UHPLC grade however their solvents are filtered to 0.2 µm NOT 0.1µm

**Attention** : some competitors offer UHLCMS grade .

This grade solvents is dedicated to customers having a UHPLC pump system + Mass detector (higher grade , higher price)

**Fisher Chemical UHPLC gradient grade is dedicated to UHPLC pump system + UV detector**

## Why Should You Sell?

UHPLC pump system has become an indispensable instrument replacing the simple HPLC system.

- Opportunity to gain new customers
- The benefits with the UHPLC solvents are :
  - **Save time, money and effort**
  - **Save syringe filters**
- Offer fit-for-purpose

## Uncover the Need

- Do you get a UHPLC pump coupled with a UV detector?
- Do you operate at high pressure?
- Do you get some clogging check valve trouble?

## Possible Customer Questions and Answers

### 1. Why do I need a UHPLC gradient grade solvents?

**Answer** : This new UHPLC quality has an extraordinarily low solvent filtration of 0.1µm ensuring low baseline noise and reducing pump blockages.

In addition this new grade displays a high UV transmission rate and low acidity & alkalinity level

### 2. Why do I need a low filtered solvent ?

**Answer** : Due to high pressure used with the UHPLC pump the solvents requires an absence of fine particle (which should block the pump & valve).As the solvent is filtered to 0.1µm you reduce the pump blockages.

You save time and money resulting of this pump blockage

## Support Materials

Grade	Application	Details
Optima LC-MS	High HPLC-MS	Solvents , Blends & reagents for high LC-MS requirement A/955 Acetonitrile & A/456 Methanol & W/6 Water - Filtered on 0.1µ
LC-MS	HPLC-MS	HPLC solvents suitable for LC-MS application A/0638 Acetonitrile & M/4062 Methanol & W/0112 Water - Filtered on 0.2µ
UHPLC	UHPLC	HPLC gradient grade suitable for Ultra Pressure Liquid chromatography : A/0650 Acetonitrile & M/4070 Methanol & W/0120 Water - Filtered on 0.1µ
HPLC Advanced Grade	High HPLC Gradient analysis	HPLC gradient solvents guaranteed with a very low level of gradient baseline drift./ A/0632 Acetonitrile & M/4060 Methanol & W/0110 Water)- Filtered on 0.2µ
HPLC Gradient	HPLC Gradient analysis	Solvents , reagents & Buffers suitable in HPLC gradient analysis with low concentration of non volatile impurities A/0627 Acetonitrile & M/4058 Methanol & W/0106 Water - Filtered on 0.2µ
HPLC	HPLC with UV detection	Range of Solvents guaranteed for low Absorbance /High UV Transmission A/0626 Acetonitrile & M/4056 Methanol & W/0106 Water - Filtered on 0.2µ