GFS CHEMICALS®

VERITAS® ULTIMATE

UHPLC Solvents

Key research areas

UHPLC is a growing technique in pharma, quality control,organic synthesis, environmental and genomics/proteomics. This technique offers the advantage of being up to five-fold faster and using less solvents than traditional HPLC while still providing the detection, identification and quantification of complex matrixes. To obtain the maximum benefits and efficiency of UHPLC and to not mask peaks, the need for cleaner eluents has arisen.

These solvents provide the following special requirements:

- Low metallic impurity content
- Microfiltered through a 0.1 um filter
- Low water content and non-volatile impurities
- Packaged in specialty treated glass bottles
- Contain a batch specific Certificate of Analysis

GFS UHPLC solvents provide for a cleaner spectrum and help with the prevention of unwanted adducts with metallic impurities, resulting in longer column life, reduced equipment maintenance and batch-to-batch consistency so you can have trust and confidence in your results.

Product Description	Item #	CAS	Size
Acetonitrile, UHPLC-MS, Veritas Ultimate	27849	75-05-8	1L
Methanol, UHPLC-MS, Veritas Ultimate	27850	67-56-1	1L

155 Hidden Ravines Drive,
Suite A, Powell, OH 43065

www.gfschemicals.com
(U.S. and Canada) 800•858•9682
(U.S. and International) 740•881•5501

UHPLC Methanol, CAS [67-56-1]

GFS CHEMICALS®

VERITAS® ULTIMATE

SPECIFICATIONS:

Assay (GC) 99.9 % Min
Water (KF) 0.02 % Max
Residue after evaporation 0.0001 % Max
Titrable acid 0.0002 meq/g Max

Aluminum (Al): 10 ppb Max
Barium (Ba): 5 ppb Max
Cadmium (Cd): 5 ppb Max
Calcium (Ca): 10 ppb Max
Chromium (Cr): 5 ppb Max
Cobalt (Co): 5 ppb Max
Copper (Cu): 5 ppb Max
Iron (Fe): 10 ppb Max
Lead (Pb): 5 ppb Max
Magnesium (Mg): 10 ppb Max
Manganese (Mn): 5 ppb Max
Nickel (Ni): 5 ppb Max
Potassium (K): 10 ppb Max
Silver (Ag): 5 ppb Max
Sodium (Na): 50 ppb Max
Tin (Sn): 5 ppb Max
Zinc (Zn): 10 ppb Max

Wavelength:	T (%)	A (AU)
205 nm:	20 %	0.699 AU
220 nm:	60 %	0.222 AU
240 nm:	90 %	0.046 AU
260 nm:	98 %	0.009 AU

Gradient grade (235 nm) Maximum peak absorbance: 0.001 AU
Gradient grade (254 nm) Maximum peak absorbance: 0.0005 AU

UHPLC-MS test ESI+: Max. 5 ppb Reserpine
UHPLC-MS test ESI-: Max. 20 ppb Digoxin

Microfiltered, 0.1 µm pore diameter.