



Analytical Solvents & Reagents

Dried, GC-HS, HPLC, UV, NMR, Electronic Grade Solvents, Ion-Pairing Reagents and Quaternary Ammonium Compounds

With the rising demand and development of separation technique in the pharmaceutical, life-sciences and biotech industries, we at **SRL** offer high purity analytical solvents in order to assist chemists and researchers in their techniques of separation, purification and analysis of samples in an efficient and effective manner.

SRL offers a wide range of high purity analytical solvents for HPLC, UV, GC, NMR and routine chemistry applications. All our products are manufactured in accordance with GMP, FDA and ISO 9001-2008 certification standards.

Solvents for Gas Chromatography (GC-HS) (for Organic Volatile Impurities (OVI) analysis)

These products are used for pesticide residual analysis by Gas Chromatography techniques in API drug development, life-science, environmental, food testing and pharmaceutical industries.

- Low residual levels.
- Convenient and effective packaging ensures product quality.

Product Range

Prdt. Code	Product Name	Packing Unit	Assay (GC)
89140	Acetone GC-HS	250ml, 500ml, 1000ml	min.99.9%
90135	Acetonitrile GC-HS	250ml, 500ml, 1000ml	min.99.9%
95582	Benzene GC-HS	500ml, 1000ml	min.99.9%
83903	N-Butyl Alcohol GC-HS	250ml, 1000ml	min.99.9%
85902	Carbinol GC-HS	500ml, 1000ml	min.99.9%
23292	Cyclohexane GC-HS	250ml, 1000ml	min.99.9%
29103	Dichloromethane GC-HS	250ml, 1000ml	min.99.9%
70926	N,N-Dimethylacetamide (DMA) GC-HS	250ml, 500ml, 1000ml	min.99.9%
46165	N,N-Dimethylformamide (DMF) GC-HS	500ml, 1000ml	min.99.9%
12767	Dimethyl Sulphoxide (DMSO) GC-HS	500ml, 1000ml	min.99.9%
79218	1,4-Dioxan GC-HS	250ml, 1000ml	min.99.9%
73106	Ethyl Acetate GC-HS	500ml, 1000ml	min.99.9%
87796	Ethyl Ether GC-HS	1000ml	min.99.9%
40501	n-Hexane (99.9%) GC-HS	250ml, 1000ml	min.99.9%
10140	Isopropanol (IPA) GC-HS	500ml, 1000ml	min.99.9%
87655	Methanol GC-HS	500ml, 1000ml	min.99.9%
25903	N-Methyl-2-Pyrrolidone (NMP) GC-HS	500ml, 1000ml	min.99.5%
42328	n-Propanol GC-HS	250ml, 1000ml	min.99.9%
83662	Toluene GC-HS	500ml, 1000ml	min.99.9%

Solvents for HPLC & UV Spectroscopy

Ideally suitable for formulating mobile phases, for dissolving the sample, and for carrying out in processes such as sample preparation, preparative chromatography and other analytical applications.

- Highly pure solvents with purity $\pm 99\%$ ensuring high reproducibility.

- Manufactured to meet demanding HPLC analytical and quality control requirements.
- Low UV absorbance and low particulate count to reduce background.
- Filtered with 0.2 micron membrane filter.
- Convenient and effective packaging ensures product quality.

Product Range

Prdt. Code	Product Name	Packing Unit	Assay (GC)
32532	Acetic Acid HPLC	500ml, 1000ml	min.99.9%
11340	Acetone HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.9%
58209	Acetonitrile (ACN) HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.9%
24899	Acetonitrile (ACN) gradient grade	1000ml, 2500ml	min.99.9%
36823	Benzene HPLC & UV Spectroscopy	500ml, 1000ml	min.99.8%
43706	n-Butyl Alcohol HPLC & UV Spectroscopy	500ml, 1000ml	min.99.9%
90248	tert-Butyl Alcohol HPLC	1000ml	min.99.7%
91087	tert-Butyl Methyl Ether HPLC	1000ml, 2500ml	min.99.5%
63713	Carbinol HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.8%
30792	Chloroform HPLC & UV Spectroscopy	500ml, 1000ml	min.99.8%
46300	Cyclohexane HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.9%
87988	1,2-Dichloroethane HPLC & UV Spectroscopy	500ml, 1000ml	min.99.9%
58628	Dichloromethane (DCM) HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.9%
28298	Diethylamine HPLC	1000ml	min.99.5%
98189	N,N-Dimethylacetamide (DMA) HPLC	500ml, 1000ml	min.99.8%
50591	N,N-Dimethylformamide (DMF) HPLC & UV Spectroscopy	500ml, 1000ml	min.99.9%
30239	Dimethyl Sulphoxide (DMSO) HPLC & UV Spectroscopy	500ml, 1000ml	min.99.8%
43294	1,4-Dioxan HPLC & UV Spectroscopy	500ml, 1000ml	min.99.9%
26614	Ethyl Acetate HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.9%
68329	Ethyl Ether for HPLC & UV Spectroscopy	1000ml	min.99.9%
83256	Formamide for UV Spectroscopy	500ml, 1000ml	min.99%
90731	n-Heptane HPLC & UV Spectroscopy	500ml, 1000ml	min.99.5%
65764	n-Hexane (95%) HPLC	500ml, 1000ml, 2500ml	min.95%
33823	n-Hexane (99%) HPLC	500ml, 1000ml, 2500ml	min.99%
68930	Isooctane HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.8%
44036	Isopropanol (IPA) HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.8%
79345	Methanol HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.8%
10331	N-Methyl-2-Pyrrolidone (NMP) HPLC	1000ml	min.99.5%
10416	Methyl Isobutyl Ketone (MIBK) for UV spectroscopy	500ml	min.99.5%
49135	n-Pentane HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99%
45909	n-Propanol HPLC	1000ml	min.99.8%
15340	Petroleum Ether 60-80 for HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	
94842	Tetrahydrofuran (THF) HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.9%
74438	Tetrachloroethylene for UV spectroscopy	500ml, 1000ml	min.99.5%
29490	Toluene HPLC & UV Spectroscopy	500ml, 1000ml, 2500ml	min.99.8%
97681	Trichloroethylene for UV spectroscopy	500ml, 1000ml	min.99.5%

Prdt.Code	Product Name	Packing Unit	Assay (GC)
67352	Triethylamine HPLC	1000ml	min.99.5%
82818	Trifluoroacetic Acid (TFA) for HPLC & UV Spectroscopy	25ml, 100ml, 500ml	min.99.9%
92605	Water HPLC	1000ml	

Solvents for IR & FTIR Spectroscopy

13873	Potassium Bromide Powder for IR & FTIR spectroscopy	100g	min.99.5%
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Quaternary Ammonium Compounds (Phase Transfer Catalysts)

Quaternary Ammonium Compounds (QACs) are widely used biocides that possess antimicrobial properties against a broad range of microorganisms. These compounds are used for numerous industrial purposes, water treatment, antifungal treatment in horticulture, as well as in pharmaceutical industries and everyday consumer products as preserving agents and detergents, etc.

Product Range

Prdt. Code	Product Name	Packing Unit	Assay
17996	Aliquat 336 (Tricaprylylmethylammonium chloride)	250ml, 1000ml	min.88%
43648	Benzalkonium Chloride (BKC) (50% solution in water)	500ml, 5ltr	~ 50%
27094	Benzethonium Chloride	25g, 100g, 250g	min.98%
98924	Benzyltrimethylammonium Chloride	100g, 500g	min.98%
81586	Cetrimide (Tetradecyltrimethylammonium Bromide)	100g, 500g	min.99%
66302	Cetyltrimethyl Ammonium Bromide (CTAB) AR	50g, 100g, 500g	min.99%
59771	Cetyltrimethyl Ammonium Bromide (CTAB) extrapure AR, ExiPlus meets compendial specs of BP, Ph.Eur	100g, 500g	min.99%
42020	Dodecyltrimethyl Ammonium Chloride	100g, 500g	min.98%
28022	Phenyltrimethyl Ammonium Chloride	100g, 500g	min.97%
20669	Tetrabutylammonium Bromide (TBAB)	100g, 250g, 500g	min.98%
57594	Tetrabutylammonium Bromide (TBAB) AR	100g, 500g	min.99%
37256	Tetrabutylammonium Dihydrogen Phosphate	5g, 25g	min.98%
50283	Tetrabutylammonium Fluoride Trihydrate	25g, 100g	min.98%
94836	Tetrabutylammonium Hydroxide 1M aq. solution	100ml, 500ml	
91958	Tetrabutylammonium Hydrogen Sulphate (TBAHS)	100g, 250g	min.98%
83955	Tetrabutylammonium Hydrogen Sulphate (TBAHS) AR	25g, 100g	min.99%
52162	Tetrabutylammonium Hydroxide (TBAH) 0.1N aq. solution	500ml	
28342	Tetrabutylammonium Hydroxide (TBAH) 0.1N in Isopropanol	500ml	
41728	Tetrabutylammonium Hydroxide (TBAH) 10% aq. solution	100ml	~ 10%
15134	Tetrabutylammonium Hydroxide (TBAH) 10% in Methanol	100ml	~ 10%
41715	Tetrabutylammonium Hydroxide (TBAH) 20% aq. solution	100ml, 500ml	~ 20%
54722	Tetrabutylammonium Hydroxide (TBAH) 25% aq. solution	100ml, 500ml	~ 25%
68032	Tetrabutylammonium Hydroxide (TBAH) 40% aq. solution	100ml, 500ml	~ 40%
13656	Tetrabutylammonium Hydroxide (TBAH) 25% in Methanol	100ml, 500ml	~ 25%
74212	Tetrabutylammonium Hydroxide (TBAH) 40% in Methanol	100ml	~ 40%
40878	Tetrabutylammonium Hydroxide (TBAH) 0.1N in Methanol	500ml	
45205	Tetrabutylammonium Hydroxide (TBAH) 0.1N in Methanol/Toluene	500ml	
90493	Tetrabutylammonium Hydroxide (TBAH) 10% in Methanol/Toluene	100ml	~ 10%
44991	Tetrabutylammonium Hydroxide (TBAH) 20% in Methanol/Toluene	100ml	~ 20%
30064	Tetrabutylammonium Hydroxide (TBAH) 54-55% aq. solution	100ml, 500ml	~ 54-55%
28051	Tetrabutylammonium Iodide (TBAI)	25g, 100g	min.99%

Prdt. Code	Product Name	Packing Unit	Assay
62390	Tetrabutylammonium Iodide extrapure AR, ExiPlus meets compendial specs of USP, BP, Ph.Eur	25g, 100g	min.99%
70427	Tetradecylammonium Bromide	5g, 25g	min.99%
67902	Tetraethylammonium Bromide (TEAB)	100g, 500g, 1kg	min.98%
64674	Tetraethylammonium Hydrogen Sulphate	25g, 100g	min.99%
64090	Tetraethylammonium Iodide (TEAI)	25g, 100g, 500g, 1kg	min.99%
21957	Tetraheptylammonium Bromide (THAB)	25g, 100g	min.99%
19028	Tetramethylammonium Chloride (TMAC)	100g, 500g	min.98%
56874	Tetramethylammonium Hydroxide 1M aq. solution	100ml, 250ml	
29740	Tetramethylammonium Hydroxide (TMAH) Pentahydrate	5g, 25g, 100g	min.98%
91496	Tetramethylammonium Hydroxide (TMAH) 10% aq. solution	50ml, 250ml	~ 10%
94620	Tetramethylammonium Hydroxide (TMAH) 25% aqueous solution	25ml, 100ml, 500ml	~ 25%
21371	Tetramethylammonium Hydroxide (TMAH) 25% in methanol	100ml, 500ml	~ 25%
42209	Tetramethylammonium Hydroxide (TMAH) 0.1N in Isopropanol/Methanol	250ml	
82774	Tetramethylammonium Iodide (TMAI)	100g	min.99%
77204	Tetrapropylammonium Bromide (TMAB)	100g	min.99%
80909	Tetrapropylammonium Chloride	10g, 50g	min.98%
84990	Tetrapropylammonium Hydroxide (TPAH) 10% aq. solution	100ml, 500ml	~ 10%
98078	Tetrapropylammonium Hydroxide (TPAH) 20% aq. solution	100ml, 500ml	~ 20%
82395	Trimethyltetradecylammonium Chloride	25g, 100g	min.99%

Reagents for Ion-Pairing Chromatography

Ion-pairing reagents are large ionic molecules having a hydrophobic part able to interact with the alkyl groups of the stationary phase, as well as a charge opposite to the analyte of interest. When the ion pair reagent is added to the mobile phase, it combines with the analyte counter-ion and a neutral state is formed. Then, an optimum reverse phase separation is achieved.

Product Range

Prdt. Code	Product Name	Packing Unit	Assay
74887	Butane Sulphonic Acid Sodium Salt Anhydrous	5g, 25g, 100g, 250g	min.99%
99919	Butane Sulphonic Acid Sodium Salt Monohydrate	5g, 25g, 100g, 250g	min.99%
94373	Heptanesulphonic Acid Sodium Salt Anhydrous	5g, 25g, 100g, 250g	min.99%
55272	Heptanesulphonic Acid Sodium Salt Monohydrate	5g, 25g, 100g, 250g	min.99%
49346	Hexanesulphonic Acid Sodium Salt Anhydrous	5g, 25g, 100g, 250g	min.99%
78597	Hexanesulphonic Acid Sodium Salt Monohydrate	5g, 25g, 100g, 250g	min.99%
67956	Octanesulphonic Acid Sodium Salt Anhydrous	5g, 25g, 100g, 250g	min.99%
72554	Octanesulphonic Acid Sodium Salt Monohydrate	5g, 25g, 100g, 250g	min.99%
18486	Pentanesulphonic Acid Sodium Salt Anhydrous	5g, 25g, 100g, 250g	min.99%
90760	Pentanesulphonic Acid Sodium Salt Monohydrate	5g, 25g, 100g, 250g	min.99%

Additional Analytical Reagents for Chromatography use

Product Range

Prdt. Code	Product Name	Packing Unit	Assay
99671	Sodium Lauryl Sulphate for HPLC (ion pairing reagent)	10g, 25g, 100g, 1kg	min.99%
54423	Tetrabutylammonium Bromide for HPLC (Suitable for ion pair chromatography)	25g, 100g	min.99.5%
88383	Tetrabutylammonium Hydrogen Sulphate for HPLC (ion pairing reagent)	100g	min.99.5%
56995	Tris Buffer for HPLC ion pairing reagent for HPLC	100g, 500g	min.99.9%

Solvents for Dry Analysis

These solvents are generally essential in reactions that are sensitive to moisture or require low water content.

These solvents are suitable in applications such as chemical analysis, organic synthesis and purification work.

- Low water content ranging from 0.005% to 0.05%.
- Low water content removes unnecessary extra purification or drying steps.
- Convenient and effective packaging ensures product quality and purity.

Product Range

Prdt. Code	Product Name	Packing Unit	Assay	Water Content
73215	Acetic Acid Dried	500ml, 1000ml	min.99.9%	max.0.05%
69981	Benzene Dried	1000ml	min.99.7%	max.0.005%
12903	Carbinol Dried	500ml, 1000ml	min.99.8%	max.0.02%
51126	Chloroform Dried (Stabilized with ethanol)	500ml, 1000ml, 2500ml	min.99.5% (excluding ethanol)	max. 0.005%
92604	Cyclohexane Dried	500ml, 1000ml	min.99.5%	max.0.005%
63462	1,2-Dichloroethane Dried	1000ml	min.99.5%	max.0.005%
43551	Dichloromethane Dried (DCM)	500ml, 1000ml	min.99.5%	max.0.005%
66120	Dimethyl Sulphoxide (DMSO) Dried	500ml, 1000ml, 2500ml	min.99.5%	max. 0.005%
72598	Ethyl Acetate Dried	500ml, 1000ml	min.99.5%	max.0.005%
83131	Ethyl Ether Dried	500ml, 1000ml, 2500ml	min.99.5%	max.0.005%
29114	n-Hexane Dried	500ml, 1000ml	min.99%	max.0.005%
98605	Isooctane Dried	1000ml	min.99.5%	max.0.005%
62456	Methanol Dried	500ml, 1000ml	min.99.8%	max.0.02%
93186	N,N-Dimethylformamide (DMF) Dried	500ml, 1000ml, 2500ml	min.99.5%	max. 0.005%
85994	n-Propanol Dried	1000ml	min.99.5%	max.0.005%
59167	Tetrahydrofuran (THF) Dried (stabilized)	500ml, 1000ml, 2500ml	min.99.5%	max. 0.005%
17213	Toluene Dried	500ml, 1000ml, 2500ml	min.99.5%	max.0.005%
42943	Trichloroethylene Dried	1000ml	min.99.5%	max.0.005%
85471	Xylene Dried	1000ml	min.99.8%	max.0.005%

Electronic Grade Solvents

Electronic Grade Solvents are generally used in the electronics industry, particularly in semi-conductor/micro processor fabrication, etc. Our range of electronic grade solvents ensures high performance of semiconductor devices i.e. in cleaning and etching processes, and many more.

Product Range

Prdt. Code	Product Name	Packing Unit	Assay
12312	Acetone electronic grade	1000ml, 2500ml	min.99.9%
68990	Carbinol electronic grade	2500ml	min.99.8%
48906	Isopropanol electronic grade	2500ml	min.99.5%
10036	Methanol electronic grade	2500ml	min.99.8%
76338	Trichloroethylene electronic grade	500ml, 2500ml	min 99.5%

NMR Solvents

Nuclear Magnetic Resonance (NMR) Spectroscopy, often regarded as a major tool for Organic Chemistry, is one of the area in which SRL excel.

Not only are SRL NMR Solvents consistent in their high quality, but they are also packed with top notch, non-bio penetrable containers to avoid any kind of product disintegration.

Some of these NMR solvents are delivered in Septa packings, making it very easy and convenient for multiple use and storage.

Product Range

Prdt. Code	Product Name	Packing Unit	Assay
12972	Acetone-d6	10ml	min.99.5 Atom% D
75185	Acetone-d6 (with 1% TMS)	10ml	min.99.5 Atom% D
26483	Acetonitrile-d3	10g	min.99.8 Atom% D
31332	Benzene-d6	10ml	min.99.5 Atom% D
35680	Chlorobenzene-d5	5ml	min.99 Atom % D
90603	Chloroform-d (w/o TMS)	100ml	min.99.8 Atom% D
20996	Chloroform-d (with 1% TMS)	100ml	min.99.8 Atom% D
57034	Chloroform-d (with 0.03% TMS)	100ml	min.99.8 Atom% D
93075	Dichloromethane-d2 (DCM-d2)	10ml	min.99.5 Atom% D
47809	Dimethyl Sulphoxide-d6 (DMSO-d6)	25g	min.99.8 Atom % D
21944	Methanol-d4	10g	min.99.8 Atom% D
31129	Pyridine-d5	10ml	min.99.5 Atom% D
22698	Tetrahydrofuran-d8 (THF-d8)	5ml	min.99.5 Atom% D
33379	Tetramethyl Silane (TMS)	100ml	min.99.8%
85590	Toluene-d8	10ml	min.99.5 Atom% D
78716	Trifluoroacetic Acid-d (TFA-d1)	10ml	min.99.5 Atom% D

Bulk packs available on request

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