

Tetrahydrofuran

Toluene

Acetonitrile

Diethyl Ether

n-Heptane

Methanol

Propan-1-ol

Acetone

iso-Hexane

Butan-1-ol

Propan-2-ol

Water



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Ethyl Acetate

Ethanol

Dichloromethane

*Is Solvent Purity
Important To You?*



PUROM™ CUSTOM SOLVENTS



PUROM™ - A Unique Specification

The PUROM™ system is a production concept from ROMIL, that gives you a completely customised solvent, incorporating only the features that are required for your application. Such features may include:

- solvent specification
- certification
- packaging
- dispensing options

But too many companies base their requirements for bulk high purity solvents on so-called 'HPLC grades'. Invariably, whilst this quality is suitable for analytical laboratory applications it is overspecified for industrial use. The customer ends up by paying more for what they don't need.

At ROMIL we work closely with you to produce a profile of the solvent, based on *your* processing requirements. A unique specification is then drawn up for you, so you get a consistent, controlled grade of solvent time after time. For example, some or all of the following parameters may be important to you:

- assay
- water content
- non-volatile residue
- optical properties
- acidity/alkalinity
- trace metal levels

You can request a certificate of analysis, reporting results from any analytical tests necessary for your manufacturing or quality procedures.

There are also plenty of packaging and dispensing options available under the ROMIL LiQuiSure™ brand that, likewise, can be tailored to your operating requirements.

Using a ROMIL-PUROM™ solvent, that is 'fit for *your* purpose', could well improve the yield and quality of your final product. And because you pay only for the performance you need you'll save money at the same time.



Manufactured under a
Quality System registered to
ISO 9001:2000



ROMIL - Expertise in Purity

The PUROM™ brand has been developed from the expertise ROMIL has in the production of high purity solvents for analytical techniques in the laboratory. We believe that to attain top quality results you need to use the best solvents on the market. ROMIL is dedicated to manufacturing products of the highest chemical purity, ensuring your work can be performed with confidence and without cost penalties.

Dispensing System, automated, LiQuiSure



This system has been designed by ROMIL to meet a demand for automated and unattended dispensing of large volumes of high purity solvent in the commercial production of peptides and genome sequencing. It is also applicable to other areas of manufacture of high added value materials where continuous operation combined with low risk exposure to hazardous vapours is equally important. Being of modular design it is extremely flexible in its operation and can be configured for numerous applications, dispensing ports and drum capacities. The control module features LED displays and push buttons which both control and indicate the operation status and allows for full manual override. All electronic components are housed in polycarbonate (EEx e II T6) sealed boxes designed to meet the requirements for Zone 2 hazardous areas thus ensuring safe operation with flammable solvents. The box material is also impact resistant, self extinguishing and resistant to most acids. External components such as LED displays, push buttons and valves have an IP67 rating for indoor and outdoor environments. Usually supplied on free loan as part of a ROMIL LiQuiShuttle™ Agreement to supply bulk quantities of ROMIL-PUROM™ solvent, the returnable stainless steel drums ensure product consistency and integrity with virtually no packaging waste.

Anhydrous Solvents in Bulk

ROMIL has also pioneered the Hi-Dry® brand, a series of anhydrous solvents in laboratory packs, featuring a water content of less than 50ppm and often as low as 5ppm. Anhydrous solvents are commonly used in organic synthesis on both a laboratory and an industrial scale where a water free medium is essential for the reaction to progress. A combination of low water content with high purity, achieved only by ROMIL with the Hi-Dry® range, gives you the confidence of attaining a high quality end product with a good yield. The same technology goes into production of our bulk anhydrous solvents so if you need large quantities why not consider a suitable ROMIL-PUROM™ solvent.

Flask, stainless steel, LiQuiSure



Robust environmentally friendly flasks of stainless steel suitable as returnable and reusable packaging. Liquid is in contact only with grade 304 stainless steel and PTFE so maintains original purity of ROMIL-PUROM™ solvents. Features UN-approval for international transport of hazardous goods. Discharging is by simple pouring out or with a special screw-on dispenser. Neck thread is a standard GL/DIN/ISO 45 which takes a wide range of other dispensing options. A wall thickness of 1 mm permits light pressurisation to 0.3 bar.

Application Ideas

Not sure if your process could benefit from the PUROM™ treatment? Then compare these typical applications where ROMIL-PUROM™ has made a real difference.

- manufacture of HPLC columns
- bulk manufacture of oligonucleotides
- manufacture of speciality chemicals for electronics
- manufacture of speciality inorganics
- pharmaceutical manufacture
- manufacture of lithium batteries
- manufacture of ink-jet printer heads
- manufacture of medical appliances