

CHEM+NECT™ Mobile Phases

Consistent, efficient, convenient – it's in the bag.

Guarantee consistency and increase the efficiency of your lab with custom CHEM+NECT HPLC mobile phases from CHATA. These pre-prepared HPLC mobile phases – contained in stable, sterile, easy-to-use flexible-film packaging – are your key to saving time, eliminating reworks, and decreasing costs.



CHATA



Leave the preparation to CHATA.

The professionals in your lab are there for science, not for routine prep work. Make their time more profitable, and experience greater results by using custom-made HPLC mobile phases from CHATA. Filtered, degassed, and made to your exact specifications in a class 10,000 clean room, our high quality mobile phases are your answer to improved consistency, efficiency, profitability, and safety.

Count on consistency, each and every time.

Small inaccuracies in mobile phase preparation can lead to expensive headaches like reworks, reanalysis, and LIRs. Ensure accurate, contaminant-free reagent preparation with CHEM+NECT, and deploy reproducibility and extended stability throughout your lab. We make all of our mobile phases according to a batch record produced using GMP guidelines. We double verify all weights, volumes and in-process measurements during manufacturing, and we record all results in a 13-page batch

record, including the dissolved oxygen levels at time of packaging. A Certificate of Analysis is also included with every lot. In short, we ensure trustworthy reagents from batch to batch, and help you eliminate the potential problems associated with HPLC mobile phase preparation.

Save time and money.

Significantly increase the efficiency of your lab with CHEM+NECT solutions from CHATA. Rather than spending hours preparing mobile phases, CHEM+NECT reagents allow analysts to begin their chromatography almost immediately. The consistency of our reagents also makes sure that you'll spend less time investigating inaccurate solution preparation. Convenient quick connect accessories allow you to begin your analyses within moments. The patented, self-contained CHEM+NECT bags also eliminate glassware washing, recycling, or disposal of traditional glass or metal containers. These timesaving benefits will free your analysts from the preparation area, giving them more time for science.

Everything you need to connect to any commercially available instrument.

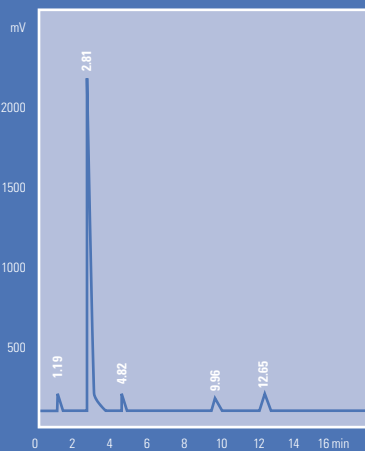


What's in the bag?

We ensure convenience and accuracy with just one glance. Just look at the label on every CHEM+NECT package to see all that you need to know about your HPLC mobile phases.

All CHEM+NECT labels are printed with the Lot Number, Part Number, Bag Number, Product Name, Volume, Product Composition, CAS Numbers, HMIS codes, expiration date, and CHATA contact information.

System Suitability Chromatogram



	PEAK NUMBER	EXPECTED RESULT	REPORTED RESULT
SPECIFICATION Retention Time	1	1.3	1.19
	2	3	2.81
	3	5	4.82
	4	10	9.96
	5	12	12.65
2nd Peak Capacity	2	>1.01	1.3
Resolution between 2 & 3	2 & 3	>5.0	5.94
Resolution between 4 & 5	4 & 5	>2.0	4.69
Symmetry of 2	2	<2.0	1.19
Symmetry of 3	3	<2.0	1.47

System suitability chromatogram from internal QC release of a three month supply of a custom mobile phase for one of CHATA's pharmaceutical customers. Chemistry: Heptane Sulfonic Acid in Buffer (pH 2.6): Methanol: Acetonitrile [75:13:12 (v/v/v)]

What do I need to make CHEM+NECT work in my lab?

CHATA offers accessories that provide everything needed to connect CHEM+NECT to any commercially available instrument.

- Single bag stands made of rugged, lightweight acrylic that hold one five-liter CHEM+NECT bag.
- Double bag stands that are ideal for connecting two bags using the optional dual valve system.
- Custom connectors and tubing that plumb any CHEM+NECT bag to your system.

What HPLC mobile phase formulations are available with CHEM+NECT?

From hard-to-prepare reagents, to frequently used solutions, you can count on CHATA to prepare the finest HPLC mobile phases, formulated using only high quality chemicals and reagents. CHATA manufactures a wide range of custom-made HPLC mobile phases in CHEM+NECT systems, all prepared to meet your specifications and needs.

What if I don't have the storage capacity for a full batch?

CHATA can store your custom-made HPLC mobile phases in our warehouse. We will also work with you to schedule a regular delivery, or ship only at your request. To ensure that you maintain a continuous supply of product, we will update you via e-mail about your inventory.

Contact CHATA today.

Call us, or visit our web site, and find out more about how you can make science instead of HPLC mobile phases. Join the growing number of laboratories around the world who have realized the many benefits of CHATA's CHEM+NECT HPLC mobile phases.

CHATA

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