

SITE PREPARATION REPLY FORM FOR PMV

Doc 150.0050_01

To ensure successful and hassle-free preventive maintenance and qualification (PMV) of Antec Scientific instruments at your facility, the on-site requirements listed in the table below must be met on the day of the PMV. Please tick the check boxes, fill out the company details, and sign before returning this reply form. For the requirements which are not met, additional details need to be supplied on the backside of the form. In the case of questions, or if you need assistance, please contact Antec support (support@antescientific.com).

Our PMV service cannot be scheduled without a signed reply form.

General site requirements	
<input type="checkbox"/>	Clearance of engineer to access the lab facility
<input type="checkbox"/>	Availability of an assistant (for software control, data processing, signing)
<input type="checkbox"/>	Admin rights to computer controlling the HPLC instrumentation
<input type="checkbox"/>	Access/password to the Wi-Fi company/guest network
Chemicals*	
<input type="checkbox"/>	Water purification system for DI water (specs: resistivity >18 MOhm.cm, and TOC < 10 ppb)
<input type="checkbox"/>	1 Liter of 20% (v/v) isopropanol in DI water (in a clean HPLC glass bottle)
<input type="checkbox"/>	50 mL HPLC grade methanol (for ECD with glassy carbon electrode only)
<input type="checkbox"/>	Carbonate-free commercially available 50% NaOH solution (for ECD with gold electrode only)
Instrumentation	
<input type="checkbox"/>	The HPLC system (pump(s), degasser, injector and detector) is working without issues
<input type="checkbox"/>	3rd party equipment only: the HPLC system had its PM service less than 2 months ago

*) For guidance see info on next page.

Hereby I confirm that all the above site requirements are checked and have been fulfilled.

Organization _____	Name _____
Address _____	Job position _____
Zip code _____	Telephone _____
City _____	E-mail _____
Country _____	
	Place & date _____
	Signature _____

Please return a signed copy of the reply form to support@antescientific.com at least 4 weeks prior to the PMV by e-mail. The installation cannot be scheduled prior to receiving this signed confirmation!

In case the PMV cannot be started or completed successfully because the PMV site requirements are not met, Antec Scientific reserves the right to charge the customer for additional installation costs (including travel and labor).

Chemicals

A list of chemicals with purity and purchase details is shown below for guidance. The listed brands/purities are routinely used in the Antec Scientific R&D laboratory and were found suitable for HPLC-ECD analysis. If alternative chemical brands are used, ensure they have the same or higher purity and contain no electrochemically (EC) active impurities (or only acceptable trace levels of EC active impurities).

In any case do not use:

- **Bottled (U) HPLC-grade water**
- **NaOH pellets to make NaOH solutions**
- **Ultra-dry grade or anhydrous chemicals**

Table 1. Examples of brands and purities of chemicals that were found to be suitable for use in the RnD lab of Antec Scientific.

Component	Purity	Brand	Order no:	Mw	kg/L
NaOH (solution)	50% w/w solution, certified	Fisher	SS254500	40.00	D:1.56
	49-51%, eluent for IC	Sigma	72064	40.00	D:1.53
	50%, Pro analyse	Boom	80011912	40.00	D:1.57
Methanol	Baker analyzed for HPLC	Baker	8404	32.04	D:0.79
	Baker analyzed gradient grade for HPLC	Baker	8402	32.04	D:0.79
	Optima™ LC/MS Grade	Fisher	A4561	32.04	D:0.79
Isopropanol	Molecular Biology Grade	Fisher	BP2618-212	60.1	D: 0.785

Additional information

Please use the area below to write details/explanation for the requirement(s) which are not met.

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