

Pacific® Sodium Sulfate Drying Cartridges

Convenient, effective in-line drying for Oil & Grease samples.



Pacific® Sodium Sulfate Drying Cartridges offer convenient in-line drying for Oil & Grease extracts prepared using Pacific® O&G extraction disks on the automated Biotage® Horizon 3100 Oil & Grease Extractor.

They consist of 5.5 g of high purity sodium sulfate in a cartridge that is connected to the outlet of the Horizon 3100 extraction system check valve to enable fully automated in-line drying of the extract.

EPA Method 1664B compliant drying of O&G extracts

EPA Method 1664B is a technique used to determine fats, oils and grease (FOG) contamination found in our water and is a critical test for monitoring and maintaining the infrastructure of our sewage and water treatment facilities. It is based on hexane extraction of aqueous samples to measure the level of hexane extractable material (HEM) such as fats, oils and grease present in wastewater samples. Once the water sample is extracted, any residual water must be removed from the hexane prior to evaporation and gravimetric analysis. Sodium sulfate is a commonly used drying agent used in this process since its use complies fully with EPA Method 1664B requirements.

Convenient format enhances productivity

The Biotage® Horizon 3100 system automates the entire O&G extraction process. These convenient push fit drying cartridges attach quickly and easily to the 3100 system prior to extraction,

enabling a fully automated workflow. The flow through format means that there is no need to spend time collecting the extract, adding sodium sulfate and manually swirling to dry your sample. Pacific® Sodium Sulfate Drying Cartridges reduce operator interaction, and increase sample throughput while minimizing the glassware and solvent required for additional transfer steps, cleaning, and rinsing. Using the Biotage® Horizon 3100 equipped with Pacific® O&G disks and Pacific® Drying Cartridges, samples can be automatically extracted and dried in as little as 30 minutes.



Pacific® Drying Cartridges pictured in-situ on the Biotage® Horizon 3100 system

Quality construction means no contamination of extracts

Pacific® Drying Cartridges are manufactured under the control of Biotage's ISO9001 quality system. Constructed using robust components in combination with high purity sodium sulfate, our manufacturing processes and quality control (QC) testing ensure that extracts will not be contaminated with particulates, which could lead to inaccurate results.

Ordering Information

Part Number	Description	Qty
802-0550-BGC	Pacific® Sodium Sulfate Drying Cartridge, 5.5 g	50/pk

Part Number: PPS727

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