JTBaker.com TECHNICAL LIBRARY

Product Information

J.T.Baker

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BAKERBOND Carbon-Amino

J.T.Baker carefully defines and controls critical surface chemistry parameters to ensure performance consistency.

Our knowledge and experience have led to the development of wide range of silica products - endcapped that offer high hydrolytic stability and non-endcapped, used in extraction of more polar analytes.

With BAKERBOND spe and BAKERBOND *Speedisk™* columns, silica and polymer based, you can choose the solid phase extraction column that best fits your sample size, performance requirements and the equipment.

J.T.Baker SPE products are designed with standard geometries to adapt to most popular automated liquid handling systems.

BAKERBOND Carbon-Amino Extraction Columns

BAKERBOND™ Carbon-Amino is specially developed double-phase solid phase extraction column containing spherical activated carbon of specific surface area 1300 m2/g (lower layer) and aminopropyl modified silica phase (upper layer) of polar, weak anion properties.

The main field of BAKERBOND™ Carbon-Amino double phase column is pesticide residues analysis in agricultural products. The properties of sorbents enable removal of matrix components when performing the clean-up of pesticide residues in, especially, food and feed analysis.

Specification

BAKERBOND™ Carbon	SPE
Appearance	Spherical particles
Specific Surface Area (BET-method), (m^2/g)	typical 1300
BAKERBOND™ Amino	**SPE**
Particle Size (um)	40
Pore Size (Å)	60
Typical Carbon loading (%)	6.4
Typical Nitrogen loading (%)	2.2

Ordering information:

Product	Part number	Description
SPE column	7450	6ml, 1000 mg (500 mg+ 500 mg)

More comprehensive application related information can be found at:
http://www.jtbaker.com/europe/techlib/default.asp

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