



RESEARCH ASSOCIATE I/II – ANALYTICAL SCIENCES

Columbia, Maryland

Department: Analytical & Product Development Chemistry
Reports To: Senior Scientist
FLSA Status: Exempt

Company:

Martek Biosciences Corporation (NASDAQ: MATK), a local biotech company, is a leader in the innovation and development of DHA omega-3 products that promote health and wellness through every stage of life. The company's flagship products are life'sDHA™, a sustainable and vegetarian source of the omega-3 fatty acid DHA (docosahexaenoic acid) for use in foods, beverages, infant formula, and supplements; and life'sARA™, an omega-6 fatty acid produced from fungus. ARA (arachidonic acid) is the primary omega-6 fatty acid in the brain and is important for proper infant brain development and physical growth.

Job Summary:

Perform laboratory tests to determine the chemical (particularly lipid) composition and physical characteristics of PUFA products, food ingredients, and products of microbial fermentations for such purposes as product development, discovery research, process improvements, stability evaluation, or product characterization. Directly work with internal customers to meet analytical needs in an efficient manner. Under the guidance of senior staff, develop, optimize, document, and validate analytical methods. Maintain analytical instrumentation, notebooks, and records as needed for analyses and data management. Document lab results and prepare analysis reports using GLP guidelines. Maintain a clean, organized, and efficient laboratory environment.

Essential Duties and Responsibilities:

1. Apply methods for quantitative analysis of lipids and lipid-soluble components from microorganisms, food ingredients, animal feeds, and enriched and fortified food matrices.
2. Perform stability studies on food ingredients.
3. Directly work with internal customers to meet analytical needs in an efficient manner.
4. Under the guidance of senior staff, optimize, document, and validate analytical methods.
5. Operate and maintain analytical equipment and instrumentation including GC, LC, GC-MS, and spectrometric equipment.
6. Maintain accurate lab notebooks and databases.
7. Analyze data and prepare reports.
8. Organize analytical lab environment, equipment, storage areas, and all materials used in lab to support efficient work.

Supervisory Responsibilities:

None

Qualifications:

1. B.S. in chemistry or related field with 1 to 3 years experience in an analytical chemistry lab.
2. Practical experience in analytical chemistry or QC is required.
3. Previous experience with lipids, lipid-soluble products, or compounds is preferred.
4. Knowledge of and experience in GLP's a plus.

Requirements:

Additional Requirements:

1. Knowledge of Chromatography Science
2. ability to work independently and on a team
3. good familiarity with basic laboratory procedures and practices
4. accuracy and consistency in performing analyses and maintaining notebooks and records
5. initiative, analytical, statistics, evaluating, and problem-solving skills
6. excellent reporting and communication skills
7. excellent computer skills

Physical Demands:

N (N/A) A (1 – 25%) B (26 – 50%) C (51 – 75%) D (76 – 100%)

Sitting	B %	Standing	B %
Walking	A %	Driving	N/A %
Bending/Stooping	A %	Climbing	N/A %
Reach above shoulder	A %	Kneeling	N/A %
Pushing/Pulling	N/A %	Crawling/Crouching	N/A %
Lifting	<u>30 lbs</u>		

Computer work

N/A Minimal Moderate Significant

Temperature extremes

N/A Minimal Moderate Significant

Noise

N/A Minimal Moderate Significant

Travel:

Domestic % International %

Other exposures/demands:

Exposure to laboratory chemicals and solvents.

Please submit your resume and/or application (www.martek.com) to Human Resources at jobs@martek.com or fax to 410-772-5811. **No Recruiters Please.**

Martek Biosciences Corporation is an Equal Opportunity Employer.
M/F/V/D