



**NEWS RELEASE
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AMPAC Fine Chemicals Expands Its Analytical Services to Meet Accelerating Business Demands

Rancho Cordova, CA March 29, 2017, AMPAC Fine Chemicals LLC (AFC) reports their “AMPAC Analytical” Business Unit has recently quadrupled their Analytical Services capacity to meet significantly growing customer demand for highly specialized testing. AMPAC Analytical has added 13,000 ft² of new laboratory space at a new facility in nearby El Dorado Hills, CA. These facilities complement similar laboratories located on the company’s Rancho Cordova campus.

In addition to the added lab space, AMPAC Analytical has further enhanced its specialized analytical testing capabilities to support existing and expected even tighter US FDA requirements. Included are Inductively Coupled Plasma Mass Spectrometry (ICP-MS) and Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES), techniques used for the detection and quantitation of trace elemental impurities. Added capabilities also include X-Ray Powder Diffraction (XRPD), Particle Size Distribution (PSD), and Dissolution of Drug Product. AMPAC Analytical has also added 10 Ultra Performance Liquid Chromatography (UPLC) units and has expanded stability chamber capacity to support long-term stability testing of drug substances and drug products for the pharmaceutical industry.

“This expansion builds on over 70 years of our chemical production and analytical testing capabilities. We are proud to offer our vast knowledge and know-how in specialized analytical methods development and validation for both Drug Substance and Drug Products to our



customers. "We welcome you to visit us at www.ampacanalytical.com" states Renato Murrer, Executive Director of AMPAC Analytical.

"In addition to the recently announced manufacturing plant expansions & additions in Rancho Cordova, CA, La Porte, TX and Petersburg, VA, we are excited to bring AMPAC Analytical online to meet current and projected customer demand for specialized analytical testing" reports Dr. Aslam Malik, CEO of AMPAC Fine Chemicals.

"The market for US based pharmaceutical manufacturing and services continue to expand. We are rapidly increasing our depth and breadth of capacities and capabilities to remain at the forefront of the pharmaceutical fine chemical industry" concluded Dr. Malik.

ABOUT AMPAC FINE CHEMICALS LLC

AFC is a U.S.-based company with demonstrated capabilities in process development, scale-up, and cGMP-compliant commercial production of active pharmaceutical ingredients and

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registered intermediates for pharmaceutical and biotechnology customers. Its specially engineered facilities and experienced staff allow AFC to safely produce highly energetic compounds at commercial scale. In addition, AFC's other technology platforms include production of highly potent compounds, continuous processes, and industrial-scale chromatographic separation using simulated moving bed chromatography. In addition to AMPAC Analytical located in El Dorado Hills, California, AFC's manufacturing operations are located in Rancho Cordova, California, La Porte, Texas, and Petersburg, Virginia. Additional information about us can be obtained by visiting our web site at: www.ampacfinechemicals.com.

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