



IASC Update

IASC & ChromaDex Develop HPLC Method for Aloin Analysis

In conjunction with ChromaDex Corp (OTCBB: CDXC), the IASC has developed a High Performance Liquid Chromatography (HPLC) method for analyzing the quantity of aloin in finished liquid or powder products containing Aloe vera. The method is currently undergoing additional validation work for inclusion in the IASC developed monograph on Aloe vera juice being created by the American Herbal Pharmacopeia, which is expected to be released by the end of March, but is currently available for general usage.

“We’re excited to have been involved in the development of this HPLC methodology with ChromaDex, which has a limit of detection below the EU standards of 0.1ppm and has proven to be very consistent”, said IASC Executive Director, Devon Powell. “The industry needed this method to be able to offer manufacturers a way to clearly demonstrate that products sold on the market conform to the IASC standard of <10ppm of aloin in finished products, and perhaps more importantly, differentiate them from the National Toxicology Program (NTP) study sample material”.

Powell further encouraged all Aloe vera manufacturers to submit their finished products to ChromaDex for analysis and provide a copy of the results to the IASC to be used as substantiation in its report to the National Toxicology Program (NTP) and FDA regarding the NTP’s 2-year oral study on Aloe vera for carcinogenicity. “Of course, a business can run aloin analysis in house using any fit-for-purpose methodology – but as we used this method to test the NTP sample used in their study, there will be a greater “apples-to-apple” comparison that is more likely to convince the FDA and NTP of the results.”

“We are honored to be chosen by the IASC to develop this important analytical method,” said Frank Jaksch, co-founder and CEO of ChromaDex. “ChromaDex will continue to support the natural products community with innovative and new analytical technology as the demand grows.”

For more information on where to send samples or for information on the methodology, contact ChromaDex by phone at 949-419-0288, by e-mail at sales@chromadex.com, or visit the ChromaDex website at www.chromadex.com, or contact Devon Powell at the IASC office (dpowell@iasc.org or 301.588.2420 ext. 102).

About ChromaDex

ChromaDex is a world leader in the development of Phytochemical and Botanical Reference Standards and the creation of associated intellectual property. ChromaDex is committed to sustainable “Green chemistry” and provides the dietary supplement, food, beverage, nutraceutical and cosmetic industries with the analytical tools and services to meet product regulatory, quality, efficacy and safety standards.