

Davos Life Science, Keeping up-to-date with Regulations on Polycyclic Aromatic Hydrocarbons (PAHs)

Many studies have been conducted on PAHs contamination in the environment and in food, most found presence of PAHs from below safe limits to way above limits. One recent EC study in 2015 reported more than 70% of food supplements randomly sampled from retail markets in 7 different countries have exceeded safe limits¹. This is alarming.

PAHs are commonly formed during incomplete combustion or burning activities by industrial processes or domestic food preparation. They are also formed naturally in our environment. In short, PAHs are everywhere nowadays!

Most of the PAHs are genotoxic and have been classified as carcinogen by Commission Directive 2001/59/EC. Legislations have changed the regulatory limits regarding the safe levels of PAHs several times. Latest update in the European Union (EU) regulation, EU 2015/1933 has set to apply from 1 April 2016.

Compliance across the Supply Chain

No matter where you are across the supply chain, you will need to comply if your product is included in the regulations. One of the key responsibilities for manufacturers is to ensure the elimination during process to levels way below safe limits.

Consistency of the manufacturing process to ensure legislative limits are met at all times is of utmost importance. Otherwise, the Brand can be severely jeopardized if the food supplements were found with levels higher than legislated.

Reference:

1. Zelinkova Z et. al., Food Additives & Contaminants: Part A, 2015, 32:11, 1914-1926

Top Brand Owners Be Assured by DavosLife E3 Tocotrienol-Rich Fraction

Davos Life Science is a nutraceutical ingredient supplier, as such we are a Vital Link to the Brand Owners of Supplements for its Brand Assurance.

We have invested in the latest and advanced technologies to address global consumers' concerns in support of our most important customers, the Brand Owners.

Since March 2015, we have shared the success of our proprietary technology in meeting the following regulatory requirements in our DavosLife E3 range of Tocotrienol-Rich Fraction:

- ✓ EC 1881/2006 on PAHs and BaP
- ✓ EU 1259/2011 on Dioxins/Furans, Dioxin-like PCBs
- ✓ EP 7.0/2008:20813, USP 36<561>, Australia Therapeutic Goods Administration on Pesticides
- ✓ EU 629/2008, Food Chemical Codex on Heavy Metals
- ✓ Japan Food Sanitation Law and Food Safety

DavosLife E3

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