

E-cigarettes & E-liquids



New one-stop shop offering

European Market Access, EMA package. Thanks to our comprehensive scope of laboratory testing services, and a joint effort with our industry partners, Eurofins can offer to manufacturers a complete European Market Access, EMA, service package.

This service package covers everything from TPD product notification, Material Safety Data Sheets, Poison Center Registrations as well as Labelling & Packaging checks and full compliance reviews based on both national country-specific and EU requirements.

Service Overview

Extracts & ingredients

- Eurofins can test, screen and analyze the extracts and samples, and check the purity of the ingredients

Emission tests

- E-cigarettes AND pre-filled products
- E-liquids

Electrical and Electronic (E&E)

- Recharge Test Following Drop Test (AFNOR XP D90-300-1)
- External Short-Circuit Test (AFNOR XP D90-300-1)
- RoHS2 (2011/65/CE)
- EMC Electromagnetic compatibility (2014/30/EU)
- Low Voltage (2014/35/EU) (for EN60335-1 with parts of -2-15 / -2-101)

Child safety

- Sequence of Child Safety Testing

TPD Notification and Toxicological Study

- Toxicological study of the ingredients
- TPD registration and notification process

Other related tests & services

- Labelling checks in accordance with EU Law (EU Directive 2014/40/EU) and Danish National Executive Order (BEK nr. 499 af 30/05/2016)
- CBD/THC concentrations
- Heat Not Burn (HNB) product in accordance with the way an e-cigarette is tested

Quality Assurance

In addition to helping you meet the requirements for achieving EU market entry for your e-cigarettes and e-liquids products, we also deliver customized solutions in the fields of quality assurance and control. We have the right analytical tools and experience to measure and detect possible quality discrepancies within the same batch or to detect quality discrepancies between different batches. An example of such, could be measuring the nicotine concentrations through a large set of samples. We can also measure any differences in aerosol yields from vape pens within the same or across different batches.

Eurofins Child Safety Testing for Vape Products

Background and purpose of child safety test program

- Satisfying the increasing awareness and concern from authorities, manufacturers, wholesalers, retailers as well as consumers related to child safety of vape products in the market
- Orientation towards Requirements of Danish regulation 499 § 8: Security for children, Security from activation (manipulation), Protection against damage and leakage of liquid

Types of tests within the child safety test program

- Visual examination
- Child security
- Mechanical Strengths – closing device
- Protection against damage resulting in smaller parts, hazardous edges etc. and/or leakage of liquid.
 - Drop test
 - Impact test
 - Compression test
- Leakage test upon usage
- Security from activation (manipulation)



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