



BMF 1 - Chiron - A world class SME

Chiron was established in 1983 by Dr. Jon Eigill Johansen in Trondheim, Norway and started with the development and production of biomarkers for use in search for oil in the North Sea.

Today we deliver a wide range of reference materials for analytical use in the fields of

- ◇ Environmental analysis
- ◇ Petroleum analysis
- ◇ Food Safety analysis
- ◇ Pharmaceutical and forensic analysis
- ◇ Custom syntheses and custom mixes following our customer`s request



Reference materials (RM) play an important role as they build the link between measurement results in the laboratory and international recognized standards in the traceability chain. Our standards are made according to the general requirements of ISO 9001. In 2011 we started to implement ISO 17025 and ISO guides 30-35.

Your benefits using our standards include:

- ◇ Fast turnover time due to excellent service.
- ◇ Guaranteed high and consistent quality.
- ◇ Sufficient capacity to serve the market, and bulk quantities available on request.
- ◇ Custom solutions on request.



Chiron—A world class SME

Food analysis:

- ◇ POPs like PCBs, PBDEs, Dioxins, PCAs, PFCs, PAPS, Persistent pesticides
- ◇ Phthalates
- ◇ PAHs, BTEX
- ◇ Pharmaceuticals
- ◇ Mycotoxins /Algal toxins
- ◇ Food packaging contaminants like plasticizers
- ◇ Contaminants formed during food processing like Glycidyl and MCPD fatty acid esters, acryamide, PAHs
- ◇ Pharma /Agro drugs
- ◇ Allergenes
- ◇ Food constituents

Petroleum analysis:

- ◇ Hopanes (C30 Hopanes, Norhopanes, Rear-ranged hopanes, Methylhopanes, Homohopanes and gammacerane) and Steranes
- ◇ Priority PAHs and F-PAHs, large PAHs and metabolites
- ◇ GC-IRMS (12C / 13C-ratio)
- ◇ Diamonoids and Adamantanes
- ◇ Oil-in-water and Produced water analysis (Phenol and phenoethoxylates, NPDs)
- ◇ Hydrocarbons
- ◇ PIONA, PONA and PNA mixtures
- ◇ Sulfur and Nitrogen standards
- ◇ Phosphorous standards
- ◇ Organophosphates
- ◇ Petrochemical products

Environmental analysis:

- ◇ POPs like PCBs, PBDEs, Dioxins, PCAs, PFCs, PAPS, Persistent pesticides
- ◇ Organotin
- ◇ Nonylphenol ethoxylates
- ◇ Alkylphenols
- ◇ Phthalates
- ◇ PAHs, BTEX
- ◇ Hydrocarbons
- ◇ Biomarkers
- ◇ Pharmaceuticals

Pharmaceutical and forensic analysis:

- ◇ Metabolites
- ◇ Intermediates
- ◇ Impurities
- ◇ Drugs of Abuse:
 - SPICE®: (various JWHs, AMs, HUs)
 - Designer drugs
 - Opioids
 - Cannabinoids
 - Cocains
 - Amphetamines
 - Benzodiazepines

