

## **Mathym launches filyxio® a radiopacifying nano-dispersion made from ytterbium trifluoride (YbF<sub>3</sub>)**

- **After three years of development, Mathym has commenced the commercialization of its first innovative nano-dispersion, a best-in-class radiopacifier called filyxio®**
- **A unique and versatile manufacturing line has been implemented in the premises of the company**

**Champagne au Mont d'Or - November 20, 2017**

Mathym SAS, a company specialized in the development, manufacturing and commercialization of nano-dispersions dedicated to biomedical applications, announces today the complete implementation of its first manufacturing line and the beginning of commercialization of filyxio®.

filyxio® is a radiopacifier consisting in a dispersion of ytterbium trifluoride (YbF<sub>3</sub>) nanoparticles. To dental applications, Mathym offers the smallest YbF<sub>3</sub> nanoparticles (15 to 45 nanometers) and the most stable and homogeneous dispersions available on the market. "Thanks to the small size of our proprietary nanoparticles and the absence of agglomerates, filyxio® claims to improve the transparency of dental filling materials and, thus, their depth-of-cure which is a critical aspect for our partners" commented Julien Alberici, CEO of Mathym.

After three years of R&D and industrialization, a manufacturing line has been implemented. "Mathym was the unique company capable to produce ultra-small nanoparticles of ytterbium trifluoride at lab scale. Scale-up is now mastered and Mathym can deliver up to two tons a year of filyxio®" stated Wilfried Mercadé, CTO of Mathym. "From the date we decided to set-up a manufacturing line, all the scale-up tasks and works lasted 18 months. All the team here has been working incredibly well and fast to answer our first clients' needs, that is a tremendous achievement" added Julien Alberici.

This manufacturing line will first be dedicated to filyxio® production. Thanks to its designed versatility, it will accompany the development of Mathym by serving as an industrial basis to further scale-ups of current R&D programs in the biomedical field.

### **About Mathym**

*Mathym is a nanotechnology company specialized in the development, manufacturing and commercialization of innovative nano-dispersions dedicated to biomedical applications. Two financing rounds, business partnering and staffing with talented people allowed R&D programs achievement and first manufacturing processes industrialization making Mathym an innovative industrial player in the field of nanomaterials development.*

For more information: [www.mathym.com](http://www.mathym.com)

Contact: Julien Alberici, CEO, [julien.alberici@mathym.com](mailto:julien.alberici@mathym.com)