

ASX ANNOUNCEMENT

ASX: YPB | 22 March 2021

YPB's patent pending "disappearing tracer" developed for surface disinfectants

- Patent lodged in China on December 31st, 2020
- Product now developed for commercial trials
- Shipment to trial partners in China and Australia imminent

Product authentication and consumer engagement solutions provider **YPB Group Limited (ASX: YPB)** is pleased to advise that it has developed an "evaporating tracer" that can identify the presence of disinfectant on a surface for 5 hours after application.

The novel tracer allows a user to confirm that a surface has been disinfected within a fixed time period and easily indicates the need to re-apply disinfectant after the elapse of that time.

The development of the product to trial readiness follows the Company's initial R&D in 2020 leading to the application for a patent with China's patent authority (SIPO) on December 31st, 2020 (SIPO reference number 202011604013.1).

According to a report in PR Newswire on February 9th, 2021, the global antiseptics and disinfectants market is expected to grow from present value by CAGR 20.8% from 2021 to 2028 to reach USD\$105.4 billion by 2028¹.

YPB's invention belongs to the field of sterilisation, in particular to a disinfectant with an indicative tracer function and its application. In short, the invention adds a luminescent tracer to the disinfectant to confirm whether the environmental surface has been disinfected and whether re-sterilisation is required. The invention outlined in the patent is universal in nature and when combined with conventionally used disinfection solutions, can easily determine whether regular disinfection is in place and the need for any re-application. A small inexpensive scanner can be used to identify the need for re-application of the disinfectant.

YPB has a long history in the field of tracer development and application and holds several patents in this field. YPB's tracers have traditionally been developed for the anti-counterfeit market and this novel application in a tangential opportunity follows market feedback from potential customers.

Initial trials with potential partners are expected before mid-year, initially targeting China and Australia. Sufficient volume of product for trials is ready to be shipped from our R&D hub in Beijing.

The Company will update the market on developments as they occur.

YPB Group CEO John Houston said: "We are excited that our long history in tracer development could now impact the world in a way that we never envisaged when we commenced our quest to fight counterfeit. I believe that the world has changed due to COVID-19 and that the certainty of a disinfected surface has become critical in many more situations than prior to the pandemic."

¹ <https://www.prnewswire.com/news-releases/antiseptics-and-disinfectants-market-size-worth-105-4-billion-by-2028-grand-view-research-inc-301224257.html>



This announcement has been authorised by the Board of YPB Group Limited.

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For further information please contact:

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About YPB Group

YPB Group Limited (ASX: YPB) is an Australia-based product authentication and consumer engagement solutions provider. YPB's proprietary smartphone enabled technology suite allows consumers to confirm product authenticity and, for brands, that triggers consumers' engagement.

The combination of YPB's smartphone authentication solutions and its SaaS Connect platform, creates 'smart' product packaging, opening cost-effective, digital and direct marketing channels between brands and their consumers. Connect gathers actionable data on consumer preferences. It can then host tailored marketing campaigns directly back to the scanning smartphone.

YPB is currently focused on the rapidly growing Australian, South East Asian, and Chinese markets. Its focus is dairy, cannabis, alcohol and cosmetics where the viral growth of fake products, particularly in Asia, affects brand value and endangers consumers. To learn more please visit: ypbsystems.com