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9 March 2021



**Directa Plus plc**  
("Directa Plus" or the "Company")

### **Successful Absorption Evaluation Test**

#### **Study finds zero absorption of G+® graphene, underlining safety for textile applications**

Directa Plus (AIM: DCTA), a leading producer and supplier of graphene nanoplatelets based products for use in consumer and industrial markets, is pleased to announce that it has received another positive test result relating to the potential for absorption of the Company's pristine graphene nanoplatelets powder (Pure G+®) through human skin. This latest in vitro test showed that there is no absorption potential for Pure G+®, taking the total number of positive in vitro test results to eight.

The study was carried out by an independent third party and followed the standards of OECD 428 ("In vitro evaluation of the absorption potential of a product throughout reconstructed human epidermis"). The purpose of the test was the evaluation of the skin absorption potential of Pure G+® through an in vitro reconstructed human epidermis. Pure G+ was applied on the tissue surface for six and 24 hours and at the end of the experimental time, a calculation of the quantity of Pure G+® graphene that had penetrated through the epidermis was performed.

The acquisition of further successful results from in vitro tests of the Company's hypoallergenic, non-toxic products is vital for their use in textile markets where customers have to be certain of the safety of the apparel they produce and market.

Directa Plus has continued to launch its own branded clothing collections with the latest available at: <https://graphene-plus.com/cosmic-collection/>

**Giulio Cesareo, Chief Executive of Directa Plus, commented:** "Our suite of successful in vitro tests proves to customers in the textile industry that they can safely adopt our products to create exciting new garments enhanced by our graphene products. We will continue to ensure that our products are tested to the highest possible standards before releasing them to our target markets, in keeping with our core values."

For further information please visit <http://www.directa-plus.com/> or contact:

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#### **About Directa Plus**

Our focus is principally on the two sectors in which we have strong commercial advantage through developed and launched products and a technological lead: environmental (based on our Grafysorber® product) and textiles (based on our G+ products). In addition, we will continue to pursue opportunities in elastomers and composites (including tyres and asphalt), also using our G+ products. All our products are hypoallergenic, non-toxic and sustainably produced.

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