

**PERFORMANCE + CONSISTENT QUALITY**

# LABORATORY EQUIPMENT MANUFACTURER PCR WELL PLATES

## AVIENT SOLUTION

Mevopur™ Healthcare Colorants and Formulations  
– pre-colored solution

## WHY AVIENT?

- Developed optimally dispersed, ready-to-use white formulation that maintains adequate signal transmission, as well as minimizing “cross-talk” and background phosphorescence
- Optimized the use of general purpose polystyrene (GPPS) for a good balance between melt flow and other physical properties, such as stiffness
- Provided comprehensive change control of raw materials and formulation, with a robust manufacturing process and quality control under a third party ISO 13485:2016 certified QMS

## LEARN MORE

## KEY REQUIREMENTS

- Very high level of  $\text{TiO}_2$  to prevent “cross-talk” between the wells during the qPCR fluorescence testing procedure
- Minimized background phosphorescence caused by agglomeration of  $\text{TiO}_2$  and/or oxidized (stressed) polystyrene
- Preservation of polystyrene grade properties
- Change control of formulation and manufacturing process
- Robust product quality from batch to batch