

Story spotlight

“I wish everyone could see the potential of science to either mitigate or alleviate some of the suffering in the world.”

In the lab with Carl Tsang

Director of Laboratory Services, ARYTE Bioscience

ARYTE Bioscience tests for molecular and microbiological contaminants and performs analyses on plasticware for life science consumables, medical devices, molecular diagnostics, and forensics.

1 Rising to the occasion

Years ago, Carl developed the first RNase- and DNase-free certifications. Today, his benchtop breakthroughs are fighting the pandemic. Tests for SARS-CoV-2 must be certified RNase- and DNase-free; otherwise, there can be false positives.

“During COVID, all the different sciences came together to serve the public good. We did our part to perform testing for the industries that required our services,” says Carl. “I’ve always liked that we’re at the forefront of science. We’re helping ensure that at-home COVID tests are manufactured in the cleanest possible way.”

2 Growing in confidence

He continues, “As the company has grown, our use of reagents has increased, and a lot of them are held in Thermo Scientific™ Nalgene™ containers because of the high purity and also the durability.

“The Nalgene containers chosen for use in my lab can withstand autoclave temperatures. With other types of plastics, when you heat the containers and subject them to stress, you can have interference with your results.”

“Nalgene plasticware gives you confidence. You don’t want to have any false negatives. You don’t want to have any issues with your chemicals and reagents, so you want to start off with the highest quality of materials that you can,” says Carl.

3 Peace of mind for all

“We’re here to serve as quality control for our clients. Their end users can rest assured that what they’re receiving is clean and contaminant-free.”



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