

Analyzing flavors and fragrances in research and production



Flavors and fragrances

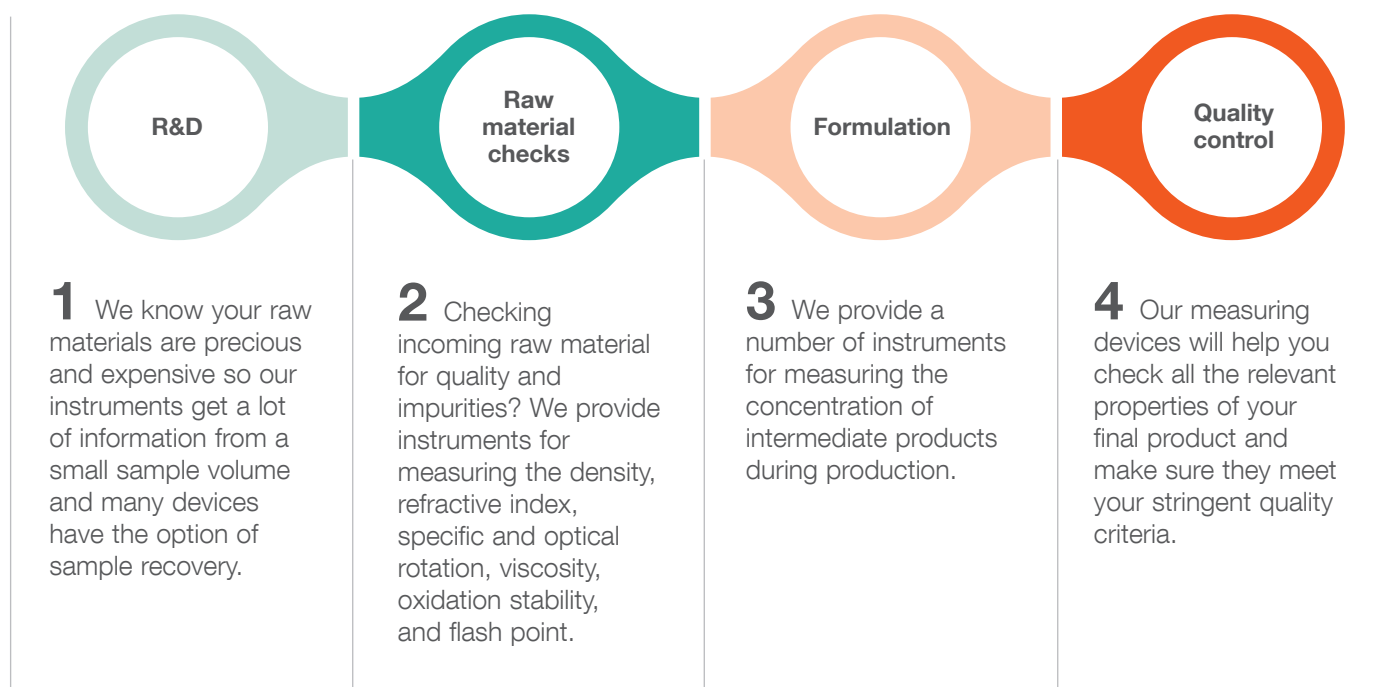


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	CHALLENGE	SOLUTION	YOUR BENEFIT	YOUR CHOICE
R&D 	Which antioxidant is beneficial for my sample and what amount do I need to guarantee ideal quality?	Investigate and determine the oxidation stability to find the best formulation of the product and to guarantee the expected quality over the entire shelf life.	Products can be measured with minimal time requirements compared to traditional methods.	Oxidation stability tester – RapidOxy 100
	How can I analyze the pourability and sprayability of the mixture?	Determine the rotational viscosity to help you create the ideal product formulation.	The perfect consistency of your product can be verified for easier controlled dosage and application.	Rotational viscometer – ViscoQC series
RAW MATERIAL CHECKS 	Does the quality of the raw material fully meet my requirements and standards?	Measure the refractive index and density to make sure you only use material that meets required regulations.	Using high-quality raw materials is a significant step to high-quality end products.	Refractometer – Abbenat series Density meter – DMA series
	Is the used material of the best specified purity?	Measure the specific/optical rotation for easy and fast detection of inconsistencies.	Key decisions can be made about the materials based on these accurate results.	Polarimeter – MCP series
FORMULATION 	How can I measure different mixtures one after the other without cross-contamination?	Use a sample changer and select specific filling and cleaning programs to process different samples without carry-over effects.	Different types of samples can be measured consecutively without cross-contamination.	Sample changer – Xsample series
	Does the quality of the sample match with the defined reference?	Identify unknown substances or verify products by automatically comparing the results against your own reference.	Samples can be measured without preparation in a non-destructive and contactless way through regular glass vials.	Raman spectrometer – Cora series
	How can I guarantee the highest quality of my sample during the formulation?	Measure the density to monitor the correct quality of your sample after every key production step.	Complex measuring procedures such as HPLC or gas chromatography can be avoided, which saves you time.	Density meter – DMA series
QUALITY CONTROL AND PRODUCT RELEASE 	How can I guarantee safe handling for the transport and storage of my products?	Measure the flash point of your sample to determine the necessary precautions.	As it needs only a small amount of sample, a flash point measurement with the mini-cup is a cost-saving option.	Flash point tester – PMA 500
	Is my sample diluted correctly?	Determine the viscosity and/or density to check that you can proceed with the mixture.	Very little sample volume is necessary to get several parameters and, as a consequence, in-depth insights into your product.	Kinematic viscometers – SVM series
	You are looking for even more parameters from one measurement cycle? How can I automatically measure all the parameters I need, while saving space in my laboratory?	Use Modulyzer which gives you all relevant parameters such as density, optical rotation, refractive index, and viscosity from one sample in one measuring cycle.	Valuable operating time can be saved by controlling all attached devices from only one screen.	Modulyzer

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