

The ACQUITY RDa Detector: Delivering SmartMS to the Masses

ACCESSIBLE | HIGH-QUALITY DATA | COMPLIANCE-READY | STREAMLINED ROUTINE ANALYSIS



Waters
THE SCIENCE OF WHAT'S POSSIBLE.™

Making accurate mass measurements accessible with SmartMS

Waters' ACQUITY™ RDa™ Detector provides a new user experience in reliable and smart mass measurements. This compact LC-MS system delivers ease of use technology with intuitive system health checks and dedicated end-to-end smart workflows, enabling scientists to obtain high quality and reproducible results.



A SMARTER SOLUTION FOR YOUR LAB

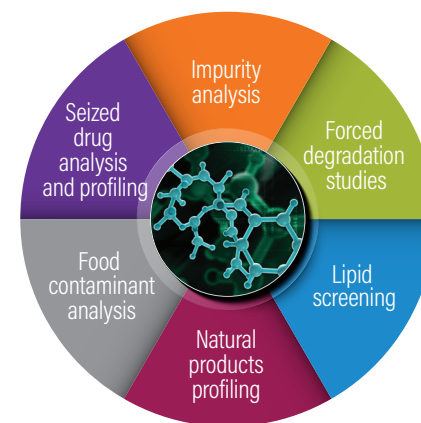
Enhance your laboratory credentials, improve efficiency and increase productivity with our simple SmartMS™ compliance-ready solution. The ACQUITY RDa Detector, coupled with the ACQUITY UPLC™ I-Class PLUS with optional TUV or PDA detectors, employs the waters_connect™ software platform, utilizing small molecule workflows for informed smart decision making.

ACCESSIBLE

Simple set up for all scientists, reducing training, saving time and ensuring consistent reproducible results to accelerate decision making. The LC-MS system with SmartMS provides a unique user experience through simple, consistent and automated setup for scientists.

HIGH QUALITY DATA

Meet time critical deadlines and identify analytes accurately with SmartMS, providing confidence in your results day in, day out. Scientists with all levels of MS expertise can evaluate outcomes with end-to-end robust, reliable workflows for routine applications.



The LC-MS system provides access to robust and reliable smart workflows, converting samples into results.

waters_connect delivers LC-MS applications that accelerate end-to-end scientific workflows in a compliant-ready platform.

COMPLIANCE-READY

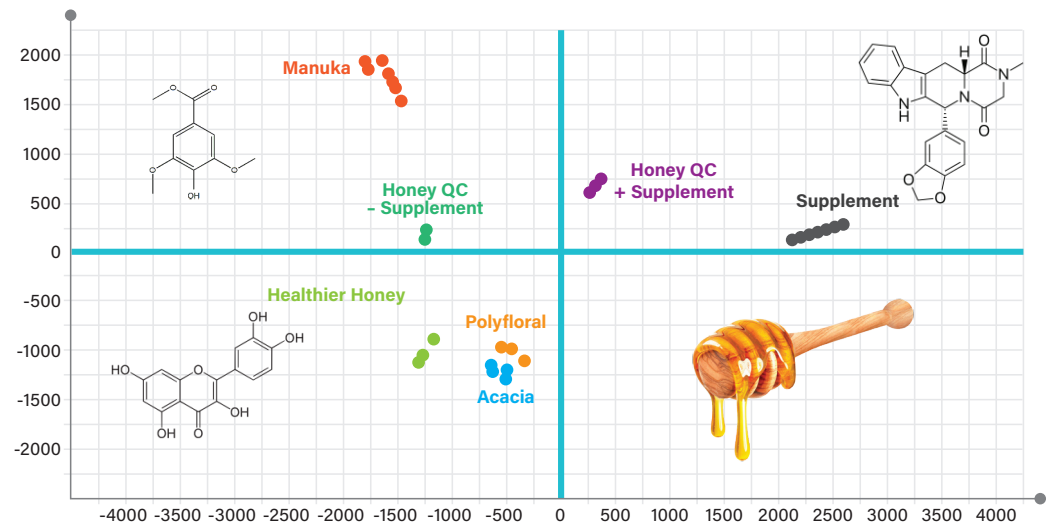
The waters_connect software platform has administrator configurable roles and permissions and provides a single, complete audit trail for acquisition, processing, and reporting of your data; reducing risk and maintaining data integrity. With the option of system qualification, the ACQUITY RDa Detector is suitable for regulated and non-regulated laboratories alike, making access to high performance mass analysis easier than ever before.

STREAMLINED ROUTINE ANALYSIS

For small molecule applications, whether in the pharmaceutical, academic, food, or chemical industries, our workflow driven software can transform your data into meaningful results, providing a convenient and cost-effective way to increase productivity within your laboratory.

All this with a surprisingly small footprint.

Discrimination of honey by botanical origin



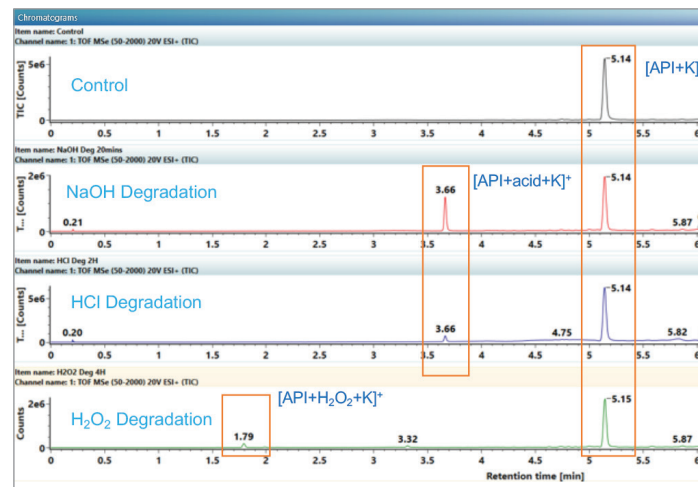
Determining the integrity of food. Make the complex accessible with SmartMS.

Forced degradation workflow

INJECT → ACQUIRE → RESULTS



Acquire - Analyze - Report, using SmartMS Technology for informed decision making.



ITEM NAME	REPLICATE NUMBER	SAMPLE POSITION	SIMVASTATIN (PPM)	SIMVASTATIN ACID (PPM)	SIMVASTATIN + PEROXIDE (PPM)
Simvastatin HCl Deg	1	1:F,2	-1.8	-0.8	
Simvastatin HCl Deg	2	1:F,2	0.0	1.0	
Simvastatin NaOH Deg	1	1:F,3	0.7	1.3	
Simvastatin NaOH Deg	2	1:F,3	1.2	-0.8	
Simvastatin H2O2	1	1:F,4	1.8		0.3
Simvastatin H2O2	2	1:F,4	-0.8		0.3
Simvastatin control	1	1:F,5	-0.5		
Simvastatin control	2	1:F,5	0.7		

Improve your laboratory efficiency and increase productivity with SmartMS Technology.

"In the Pharma industry, RDa will overcome
regulatory and production challenges
for which no solution existed before."

Marc Foulon - Director, Pharmaphysic

"RDa reminds me of the ease of use
of QDa with the power of HRMS."

Francis Piolet - Scientific Director, Pharmaphysic

www.waters.com/RDa

For your local sales
office, please visit
waters.com/contact



Waters Corporation
34 Maple Street
Milford, MA 01757 U.S.A.
T: 1 508 478 2000
F: 1 508 872 1990
www.waters.com

Waters

THE SCIENCE OF WHAT'S POSSIBLE.™

Waters, The Science of What's Possible, waters_connect, QDa, RDa, ACQUITY, UPLC, and SmartMS are trademarks of Waters Corporation. All other trademarks are the property of their respective owners.

©2021 Waters Corporation. Produced in the U.S.A. January 2021 720007013EN TC-PDF