




# BENEFITS OF TARGETED PROTEOMICS (BY LC-MS/MS) AS AN ALLERGEN-DETECTION METHOD



	TECHNICAL BENEFIT	BUT WHAT DOES IT MEAN FOR ME?
 <p><b>TEST CAPABILITIES</b></p>	<ul style="list-style-type: none"> <li>• Direct detection of allergenic proteins</li> <li>• Targeted detection of multiple allergenic proteins</li> <li>• Enhanced protein extraction</li> <li>• Selective sample preparation to eliminate matrix interferences</li> <li>• Detection of denatured &amp; hydrolysed allergens in processed food matrices</li> </ul>	<ul style="list-style-type: none"> <li>✓ Accurate results</li> <li>✓ No false positives due to cross-reactivity</li> <li>✓ No false negatives due to processed matrices or matrix interference</li> <li>✓ Reliable results from the most difficult sample types</li> </ul>
 <p><b>PRACTICAL ADVANTAGES</b></p>	<ul style="list-style-type: none"> <li>• Reduced lead time</li> <li>• Improved discount structure</li> <li>• Quantification for all allergens</li> <li>• Wide range of quantification</li> </ul>	<ul style="list-style-type: none"> <li>✓ Rapid decision making</li> <li>✓ Increased sample coverage for validation and verification</li> <li>✓ Improved risk assessment</li> <li>✓ No need for dilutions</li> </ul>
 <p><b>ENHANCED FOOD SAFETY</b></p>	<ul style="list-style-type: none"> <li>• Accurate allergen risk assessment</li> <li>• Strengthened due diligence</li> </ul>	<ul style="list-style-type: none"> <li>✓ Accurate and reliable Precautionary Allergen Labelling statements</li> <li>✓ Increased confidence in allergen controls</li> <li>✓ Assured product integrity</li> </ul>