

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>UKAS TESTING</p> <p>10351</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>PiQ Laboratories Limited</p> <p>Issue No: 010 Issue date: 07 October 2021</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOD, FOOD PRODUCTS, ANIMAL FEEDINGSTUFFS AND ENVIRONMENTAL SWABS	<p><u>Chemical Tests</u></p> <p>Detection and determination of allergens</p>	<p>Documented In-house Methods</p> <p>Methods developed and validated following the Flexible Scope procedure 5.1 using commercial ELISA test kits</p>
	<p>Quantitative determination and qualitative detection of:</p> <p>Gliadin/Gluten</p> <p>Casein</p> <p>Beta-lactoglobulin</p> <p>Egg</p> <p>Peanut</p> <p>Soy</p> <p>Mustard</p> <p>Fish</p>	<p>Method 7.3 by R5 antibody using R-Biopharm RIDASCREEN Gliadin (R7001)</p> <p>Method 7.5 using R-Biopharm RIDASCREEN FAST Casein (R4612)</p> <p>Method 7.4 using R-Biopharm RIDASCREEN FAST (R4912)</p> <p>Method 7.9 using R-Biopharm RIDASCREEN FAST egg (R4602)</p> <p>Method 7.11 using AgraQuant Peanut (COKAL0148)</p> <p>Method 7.10 using Neogen Veratox Soy Allergen (8410)</p> <p>Method 7.12 using Ridascreen FAST Senf/Mustard R6152</p> <p>Method 7.14 Using Romer AgraQuant Fish COKAL2548</p>



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FOOD, FOOD PRODUCTS, ANIMAL FEEDINGSTUFFS AND ENVIRONMENTAL SWABS (cont'd)	<p><u>Chemical Tests</u> (cont'd)</p> <p>Quantitative determination and qualitative detection of: (cont'd)</p> <p>Almond</p> <p>Hazelnut</p> <p>Walnut</p> <p>Casein (low level)</p> <p>Crustacea</p> <p>Sesame</p> <p><u>Molecular Tests</u></p> <p>Detection of allergens and/or identification of specified DNA sequences</p> <p>Meat speciation (qualitative detection of DNA: 1% & 0.1% LOD) Cattle, Chicken, Deer, Duck, Goat, Horse, Pig, Sheep, Turkey</p> <p>Celery</p> <p>Qualitative detection</p> <p>Nut screen Peanut, hazelnut, cashew, pistachio, Brazil, macadamia, walnut, almond, pecan</p>	<p>Documented In-house Methods</p> <p>Method 7.16 using AgraQuant Almond ELISA COKAL0748</p> <p>Method 7.15 using AgraQuant Hazelnut Assay COKAL0348</p> <p>Method 7.17 using AgraQuant Walnut ELISA 10002030</p> <p>Method 7.19 using Veratox Casein 8460</p> <p>Method 7.22 using AgraQuant Crustacea Assay (COKAL2248)</p> <p>Method 7.21 using AgraQuant Sesame Assay (COKAL1948)</p> <p>Methods developed and validated following the Flexible Scope procedure 5.1 using in-house designed primers or commercial kits</p> <p>DNA extraction using Method 7.7.1 and amplification and detection using Method 7.8 with Step One Plus RT-PCR</p> <p>Method 7.13 with Step One Plus RT-PCR</p> <p>Method 7.18 using DNA extraction method 7.7.1 and amplification using Step One Plus RT-PCR</p>



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FOOD, FOOD PRODUCTS AND ANIMAL FEEDINGSTUFFS	<u>Molecular Tests (cont'd)</u> Qualitative detection Mustard	Documented In-house Methods DNA extraction using Method 7.7.1 and Method 7.23 using PCR R-Biopharm SureFood Mustard (S3609) with Step One Plus RT-PCR
END		