

## METHOD SUMMARY – QWI- FM0023

<b>Method Title</b>	<b>COAGULASE POSITIVE STAPHYLOCOCCI - ENUMERATION – AUSTRALIAN STANDARD</b>		
<b>Document number</b>	<b>QWI- FM0023</b>	<b>Date of Issued</b>	15 <sup>th</sup> June 2017

Method External References	AS 5013.12.1-2004 Food Microbiology – Microbiology of food and animal feeding stuffs – Horizontal method for detection of coagulase positive staphylococci using Baird Parker medium		
Matrix	As listed on NATA Scope.		
ALS Department	<input type="checkbox"/> Pharmaceutical Chemistry <input type="checkbox"/> Water Microbiology <span style="float: right;"><input checked="" type="checkbox"/> Food Microbiology</span> <input type="checkbox"/> Pharmaceutical Microbiology <span style="float: right;"><input type="checkbox"/> Food Chemistry</span>		
Accreditation Status	<input checked="" type="checkbox"/> NATA <span style="margin-left: 40px;"><input type="checkbox"/> NON-NATA</span> <span style="margin-left: 40px;"><input type="checkbox"/> N/A</span>		
Analysis technique	<input type="checkbox"/> HPLC <span style="margin-left: 40px;"><input type="checkbox"/> GC</span> <span style="margin-left: 40px;"><input type="checkbox"/> Wet Chemistry</span> <input type="checkbox"/> Physical <span style="margin-left: 40px;"><input type="checkbox"/> Gravimetric</span> <span style="margin-left: 40px;"><input type="checkbox"/> Qualitative</span> <input type="checkbox"/> Pour Plate <span style="margin-left: 40px;"><input checked="" type="checkbox"/> Spread Plate</span> <span style="margin-left: 40px;"><input type="checkbox"/> MPN</span> <input type="checkbox"/> Filtration <span style="margin-left: 40px;"><input type="checkbox"/> Petrifilm</span> <span style="margin-left: 40px;"><input type="checkbox"/> EHS</span> <input type="checkbox"/> ELISA <span style="margin-left: 40px;"><input type="checkbox"/> VIDAS UP</span> <span style="margin-left: 40px;"><input type="checkbox"/> VIDAS</span> <span style="margin-left: 40px;"><input type="checkbox"/> TEMPO</span>		
Method Principle	<p>This method describes a procedure for the enumeration of coagulase positive staphylococci in products intended for human consumption or feeding of animals, including environmental sample (hygiene swabs) by counting of colonies obtained on a solid medium after aerobic incubation at 37 °C. A suspension of the test sample is prepared and serial dilutions are plated out, where applicable, by means of the spread plate technique using Baird Parker agar medium incubated at 37 °C for 24 to 48 hours. Confirmation of presumptive organisms is performed by the Coagulase Test.</p>		
Reporting Unit	CFU/g or CFU/mL or CFU/swab		
LOR/LOQ	<100		

Minimum amount of sample required for analysis	10 g	Turnaround time	48 hrs
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<b>Author:</b>	Document Controller	<b>Date:</b>	20 <sup>th</sup> September 2017
<b>Authorised By:</b>	National Quality Manager	<b>Date</b>	20 <sup>th</sup> September 2017