



25<sup>th</sup> January 2021

**CALIBRATION CERTIFICATE**

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This is to certify that, 168-EMP Semi Automated Analyzer bearing Serial No. #61004297

Installed at DIACARE DIAGNOSTICS, VEPPANAPALLI is performing satisfactorily.

168- EMP is calibrated last on 25<sup>th</sup> January 2021 by our Service Engineer, Mr. M. BALAJI.

<b>Optical System Check</b>	<b>Dark Current</b>	<b>Dark Current Range</b>	<b>Remarks</b>
340 nm	72	<200	Dark current values are within range
405 nm	78		
450 nm	82		
510 nm	81		
546 nm	83		
578 nm	81		
630 nm	85		
670 nm	89		

<b>Optical System Check</b>	<b>Background</b>	<b>Back ground Range</b>	<b>Remarks</b>
340 nm	52000	48000 to 62000	Back ground values are within range
405 nm	53500		
450 nm	54200		
510 nm	56500		
546 nm	55300		
578 nm	54100		
630 nm	51200		
670 nm	54100		



Software Communication	Status	Remarks
Operation Software Initialization Check	Normal	Nil
Communication between PCand Analyzer	Normal	Nil
Shutdown Check	Normal	Nil

Reagent Unit Check	Status	Remarks
Sample/Reagent Syringe Check	Normal	Nil
Reagent Unit	Normal	Nil
Reaction Unit	Normal	Nil
Dust Filters	Cleaned	Nil
Distilled Water filter	OK	Nil

Next Calibration Due on 24<sup>th</sup> January 2022

Calibrated by:

M. BALAJI

(Calibration Engineer)

Authorized Signatory:

C. SHANMUGARAJ

(Technical Manager)

