



## CONFORMITY REVIEW CERTIFICATE

Reference: Rudolph Research Analytical J Series Refractometer

Customer Name & Location:	
Model:	
Instrument Serial Number:	
Display Module Serial Number (if applicable):	
Presser Serial Number (if applicable):	
J-Series Power Supply (if applicable):	

Please use this certificate as conformation that the instrument detailed above has passed all Rudolph Research Analytical internal quality control procedures and meets all published operational specifications as found in the Service Specification Guide.

Upon inspection the aforementioned instrument met all performance and operation criteria according to the data contained within this notebook.

Accuracy and repeatability were verified with traceable calibration fluids. The traceable certificates are available upon request.

### RUDOLPH RESEARCH ANALYTICAL

<b>Operator: (Print)</b>		<b>Operator: (Signature)</b>		<b>Date:</b>	
<b>Reviewer: (Print)</b>		<b>Reviewer: (Signature)</b>		<b>Date:</b>	

Authorized Signatories are:

- Customer acceptance personnel for on-site installation / repair
- Rudolph Quality Control Personnel for Factory Service

### Service Verification/Performance Quality

Instrument Specifications			
Serial Number:		Date:	
Model:		Firmware Version:	
Manufacture Date:		Software Version:	
Customer/Location:			

#### Step 1: Accuracy, Repeatability and Reproducibility

##### Accuracy Results, Reading #1

Liquid Number	Certified Value	Combined Error	Reading #1 N=5	Standard Deviation	Accuracy Reading #1	Pass/Fail
1						
2						
3						
4						
5						

##### Accuracy Results, Reading #2

Liquid Number	Reading #2 N=5	Standard Deviation	Accuracy Reading #2	Pass/Fail
1				
2				
3				
4				
5				

##### Reproducibility Results

Liquid Number	Reproducibility	Pass/Fail
1		
2		
3		
4		
5		

**Step 2: Validation of Temperature Reference Point**

Fluid #1 Result		Fluid #2 Result		
Water Temp Coefficient	-0.000096	Fluid #2 Temp Coefficient		Difference
PASS/FAIL				

Note - Temperature coefficient of water is -0.000096 RI/°C.

**Step 3: Validation of Temperature Span**

If this box is checked, Step #3 will not be completed because the instrument does not have the ability to change temperature and verify other Temp set points other than 20°C.

Temperature	Certified Value	Combined Error	Reading #1	Accuracy	Accuracy Pass/Fail
20°C					
30°C					
40°C					

Operator: (Print)		Operator: (Signature)		Date:	
Reviewer: (Print)		Reviewer: (Signature)		Date:	