

## AUTOSAL ANALYSIS LOGSHEET

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|                                                                                                                                              |                                               |                                       |                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------|------------------------------------------------------------|
| Cruise ID: <u>2023-003</u>                                                                                                                   |                                               | Cast/Station Name: _____              | Analysis Date (dd   mmm   yyyy):<br><u>01   Jun   2023</u> |
| Autosal Model: <u>8400 B</u>                                                                                                                 |                                               | Serial Number: <u>73274</u>           |                                                            |
| Initial Standby Value: <u>24 + 5984</u>                                                                                                      |                                               | Ratio After Standardization: _____    |                                                            |
| <b>Cell Standardization (Daily)</b><br><br>Conductivity must be $\pm 0.00001$<br>compared to Standard <span style="font-size: 2em;">↗</span> | <b>Standardization Values:</b>                | <b>Standard Info.</b>                 | Bath Temperature: <u>24</u> °C                             |
|                                                                                                                                              | Before: <u>4.85</u>                           | K <sub>15</sub> VALUE: <u>0.99987</u> | Sample Temperature: <u>~21.5</u> °C                        |
|                                                                                                                                              | After: <u>-</u>                               | Batch #: <u>P166</u>                  | Room Temperature: <u>22.6</u> °C                           |
|                                                                                                                                              | Notes: <u>standardization at start of day</u> | Batch Date: <u>06 Apr 2025</u>        | Analyst: <u>CI</u>                                         |

| Sample | Station Name | Depth/Nisk# | Salinity 1 | Salinity 2 | Salinity 3 | Comments                                 |
|--------|--------------|-------------|------------|------------|------------|------------------------------------------|
| 5      | 42           | 0           | 1.56617    | 1.56618    |            | 2023-003                                 |
| 35A    | 12           | 300         | 1.78367    | 1.78366    |            |                                          |
| 11     | 42           | 250         | 1.79131    | 1.79135    |            |                                          |
| 35B    | 12           | 300         | 1.78392    | 1.78390    |            |                                          |
| 21     | 27           | bot-10      | 1.79268    | 1.79269    |            |                                          |
| 22B    | 27           | 0           | 1.69389    | 1.69388    |            |                                          |
| 13     | GE01         | 0           | 1.70582    | 1.70582    |            |                                          |
| 28     | 12           | 0           | 1.70927    | 1.70927    |            |                                          |
| 20A    | GE01         | 350         | 1.79272    | 1.79270    |            |                                          |
| 37     | 22           | 0           | 1.66856    | 1.66861    |            |                                          |
| 20B    | GE01         | 350         | 1.79288    | 1.79290    |            |                                          |
| 36A    | 22           | bot-10      | 1.80145    | 1.80147    |            | insert cap not fully seated              |
| 22A    | 27           | 0           | 1.69387    | 1.69387    |            |                                          |
| 36A    | 22           | bot-10      | 1.80147    | 1.80147    |            |                                          |
|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            |                                          |
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|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            |                                          |
|        |              |             |            |            |            | Final Standby Value:<br><u>24 + 5985</u> |

Notes: refer to 2023-010 for standardization info

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**Institute of Ocean Sciences, Ocean Sciences Division**

## PORTASAL ANALYSIS LOGSHEET

[illegible]

Notes: \_\_\_\_\_