**Training program as per ISO/IEC 17043: 2023 & ISO 13528:2022**

**FOR GROUP- 1 ASSIGNED VALUE BY RM (Results from one laboratory)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **xCRM =** | **1634.2** |  |  | **uCRM =** | **45.67** |

|  |  |  |
| --- | --- | --- |
| **SAMPLE** | **RM** | **CRM** |
| **Test 1** | **Test 2** | **Test 1** | **Test 2** |
| **MPa** | **MPa** | **MPa** | **MPa** |
| 1 | **1578** | **1601** | **1602** | **1612** |
| 2 | **1602** | **1603** | **1604** | **1603** |
| 3 | **1578** | **1567** | **1623** | **1603** |
| 4 | **1620** | **1543** | **1619** | **1610** |
| 5 | **1567** | **1539** | **1594** | **1603** |
| 6 | **1534** | **1546** | **1593** | **1604** |
| 7 | **1587** | **1587** | **1602** | **1603** |
| 8 | **1542** | **1562** | **1584** | **1594** |
| 9 | **1534** | **1593** | **1593** | **1598** |
| 10 | **1567** | **1587** | **1593** | **1589** |
| 11 | **1619** | **1604** | **1606** | **1603** |
| 12 | **1559** | **1567** | **1604** | **1604** |
| 13 | **1582** | **1592** | **1593** | **1589** |
| 14 | **1602** | **1567** | **1599** | **1593** |
| 15 | **1605** | **1549** | **1602** | **1603** |
| 16 | **1613** | **1549** | **1607** | **1608** |
| 17 | **1578** | **1547** | **1604** | **1598** |
| 18 | **1587** | **1593** | **1594** | **1602** |
| 19 | **1564** | **1562** | **1593** | **1600** |
| 20 | **1543** | **1583** | **1599** | **1603** |

**Date: Name of Trainee:**

**ANSWER:**

|  |  |
| --- | --- |
| **ASSIGNED VALUE FOR RM =** |  |
| **Std. uncertainty of RM =** |  |
|  |   |

**FOR GROUP- 2 ASSIGNED VALUE BY RM (Results from one laboratory)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **xCRM =** | **5.94** |  |  | **uCRM =** | **0.18** |

|  |  |  |
| --- | --- | --- |
| **SAMPLE** | **RM** | **CRM** |
| **Test 1** | **Test 2** | **Test 1** | **Test 2** |
| **LA units** | **LA units** | **LA units** | **LA units** |
| 1 | **5.8** | **5.7** | **5.9** | **5.8** |
| 2 | **5.7** | **5.8** | **5.7** | **5.8** |
| 3 | **5.8** | **5.8** | **5.7** | **5.8** |
| 4 | **5.9** | **5.8** | **5.9** | **5.9** |
| 5 | **5.8** | **5.8** | **5.7** | **5.8** |
| 6 | **5.9** | **5.8** | **5.9** | **5.9** |
| 7 | **5.7** | **5.7** | **5.8** | **5.8** |
| 8 | **5.9** | **5.8** | **5.8** | **5.8** |
| 9 | **5.7** | **5.6** | **5.7** | **5.7** |
| 10 | **5.7** | **5.7** | **5.6** | **5.7** |
| 11 | **5.9** | **5.7** | **5.9** | **5.7** |
| 12 | **5.8** | **5.7** | **5.8** | **5.8** |
| 13 | **5.7** | **5.7** | **5.7** | **5.7** |
| 14 | **5.8** | **5.9** | **5.9** | **5.9** |
| 15 | **5.7** | **5.7** | **5.8** | **5.6** |
| 16 | **5.9** | **5.8** | **5.9** | **5.9** |
| 17 | **5.7** | **5.7** | **5.8** | **5.8** |
| 18 | **5.9** | **5.8** | **5.8** | **5.7** |
| 19 | **5.9** | **5.9** | **5.8** | **5.9** |
| 20 | **5.7** | **5.8** | **5.8** | **5.8** |

**Date: Name of Trainee:**

**ANSWER:**

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| **ASSIGNED VALUE FOR RM =** |  |
| **Std. uncertainty of RM =** |  |

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**FOR GROUP- 3 ASSIGNED VALUE BY RM (Results from one laboratory)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **xCRM =** | **18.12** |  |  | **uCRM =** | **1.34** |

|  |  |  |
| --- | --- | --- |
| **SAMPLE** | **RM** | **CRM** |
| **Test 1** | **Test 2** | **Test 1** | **Test 2** |
| **mg/kg** | **mg/kg** | **mg/kg** | **mg/kg** |
| 1 | **18.24** | **18.91** | **18.56** | **18.76** |
| 2 | **18.18** | **18.51** | **18.67** | **18.45** |
| 3 | **18.56** | **18.56** | **18.91** | **18.29** |
| 4 | **18.45** | **18.51** | **18.93** | **18.92** |
| 5 | **18.43** | **18.94** | **18.93** | **18.82** |
| 6 | **18.75** | **18.92** | **18.50** | **18.75** |
| 7 | **18.61** | **18.72** | **18.67** | **18.83** |
| 8 | **18.19** | **18.39** | **18.65** | **18.39** |
| 9 | **18.45** | **18.49** | **18.39** | **18.92** |
| 10 | **18.29** | **18.49** | **18.82** | **18.54** |
| 11 | **18.34** | **18.94** | **18.56** | **18.54** |
| 12 | **18.39** | **18.48** | **18.73** | **18.39** |
| 13 | **18.28** | **18.93** | **18.72** | **18.52** |
| 14 | **18.73** | **18.75** | **18.29** | **18.92** |
| 15 | **18.34** | **18.82** | **18.39** | **18.77** |
| 16 | **18.54** | **18.54** | **18.72** | **18.49** |
| 17 | **18.71** | **18.52** | **18.45** | **18.60** |
| 18 | **18.38** | **18.65** | **18.56** | **18.72** |
| 19 | **18.41** | **18.73** | **18.29** | **18.92** |
| 20 | **18.52** | **18.47** | **18.62** | **18.67** |

 **Date: Name of Trainee:**

**ANSWER:**

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| --- | --- |
| **ASSIGNED VALUE FOR RM =** |  |
| **Std. uncertainty of RM =** |  |

|  |  |
| --- | --- |
|  |   |

**FOR GROUP- 4 ASSIGNED VALUE BY RM (Results from one laboratory)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **xCRM =** | **0.134** |  |  | **uCRM =** | **0.092** |

|  |  |  |
| --- | --- | --- |
| **SAMPLE** | **RM** | **CRM** |
| **Test 1** | **Test 2** | **Test 1** | **Test 2** |
| **kN** | **kN** | **kN** | **kN** |
| 1 | **0.128** | **0.126** | **0.125** | **0.126** |
| 2 | **0.129** | **0.128** | **0.129** | **0.129** |
| 3 | **0.128** | **0.128** | **0.127** | **0.129** |
| 4 | **0.124** | **0.127** | **0.125** | **0.131** |
| 5 | **0.128** | **0.126** | **0.126** | **0.132** |
| 6 | **0.127** | **0.127** | **0.129** | **0.128** |
| 7 | **0.125** | **0.128** | **0.120** | **0.127** |
| 8 | **0.123** | **0.126** | **0.130** | **0.129** |
| 9 | **0.129** | **0.127** | **0.126** | **0.128** |
| 10 | **0.127** | **0.126** | **0.131** | **0.131** |
| 11 | **0.120** | **0.128** | **0.123** | **0.132** |
| 12 | **0.126** | **0.127** | **0.131** | **0.129** |
| 13 | **0.128** | **0.127** | **0.130** | **0.128** |
| 14 | **0.128** | **0.125** | **0.128** | **0.127** |
| 15 | **0.125** | **0.126** | **0.129** | **0.128** |
| 16 | **0.127** | **0.125** | **0.128** | **0.127** |
| 17 | **0.127** | **0.128** | **0.127** | **0.131** |
| 18 | **0.128** | **0.126** | **0.129** | **0.130** |
| 19 | **0.126** | **0.128** | **0.132** | **0.127** |
| 20 | **0.127** | **0.129** | **0.131** | **0.129** |

**Date: Name of Trainee:**

**ANSWER:**

|  |  |
| --- | --- |
| **ASSIGNED VALUE FOR RM =** |  |
| **Std. uncertainty of RM =** |  |