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| --- | --- | --- | --- | --- |
| Test Case# | Test Case Values | Valid or Invalid | Classes Covered | Expected Outcome |
| 1 | 1 C 1 g 1.0,  1.0, 4.9, 0.0, 0.0 | Valid | 2(LB), 4, 6, 8, 10, 12, 15(LB), 17, 19, 21, 27, 29, 33, 35(LB), 40(UB), 42(LB), 44(LB) | Serving Size:  1 Cup (1g) Protein 1.0g  Carbohydrate 1.0g  Fat 4.9g  Fibre 0.0g  Sodium 0.0g |
| 2 | 20 P 200 ml 10.0,  10.0, 4.9, 2.9, 0.4 | Valid | 2(UB), 4, 6, 8, 10, 12, 15(UB), 17, 19, 21, 27, 29, 33, 35(UB), 40(UB), 42(UB), 44(UB) | Serving Size:  20 Pieces (200ml) Protein 10.0g  Carbohydrate 10.0g  Fat 4.9g  Fibre 2.9g  Sodium 0.4g |
| 3 | 0 D 0 18 0.9 0.9, 5.1, -0.12% | Invalid | 1(JBB), 4, 6, 9, 13, 14, 15(JBB), 19, 22, 24, 25, 26(JBB), 30, 31, 32, 34, 36(JBB),41(JAB), 42(UB), 44(UB) | Quantity less than 1.  Unit of measure is not alphabetic.  Size less than 1.  Metric symbol not alphabetic.  Unit of measure is not one of C P S.  Invalid metric symbol.  Metric symbol not alphabetic.  Nutrient values less than 5.  Fibre not a positive number.  fibre is not decimal.  A comma does not separate each entry in the list. |
|  |  |  |  |  |
| 4 | 21 12 201 10.1, 10.1, 5.1, 3.1, 0.5  -0.1% | invalid | 3(JAB), 4, 6, 9, 11, 13, 16(JAB), 19, 22, 23, 24, 28(JAB), 30, 31, 32, 33, 37(JAB), 39(JAB), 43(JAB), 45(JAB) | Quantity greater than 20  Unit of measure is not alphabetic  Unit of measure not 1 character  Unit of measure is not one of C P S.  Size greater than 200.  Metric Symbol absent (not g or m l)  Metric symbol not alphabetic.  No. of nutrients greater than 5.  Sodium greater than 0.4.  Fibre greater than 2.9  Protein greater than 10.  Carbohydrate greater than 10. |
| 5 | 3a% C 4b% ml 3.0, 4.0, 2.9, 1.9, 0.2 | invalid | 5, 7, 8, 10, 12, 18, 20, 21, 27, 29, 33, 35, 40, 42, 44 | Quantity not a whole number.  Quantity contains non numeric  Size not a whole number.  Size contains non numeric. |