

National Field Quality Assurance Project Administrative Functions

Recipes for AK

Recipe for Alkalinity Sample Type and Sample Code 31 with an Alkalinity value 39 is:

**Weigh out 5.2 grams of Sodium Carbonate (NaCO₃)
and 0.5 grams of Thymol
into a volume of 126 Liters.**

**The number of 250 mL bottles for this sample: 385
The number of 500 mL bottles for this sample: 0
The number of 1 L bottles for this sample: 0**

Recipe for Alkalinity Sample Type and Sample Code 32 with an Alkalinity value 50 is:

**Weigh out 13.6 grams of Sodium Carbonate (NaCO₃)
and 1 grams of Thymol
into a volume of 256 Liters.**

**The number of 250 mL bottles for this sample: 904
The number of 500 mL bottles for this sample: 0
The number of 1 L bottles for this sample: 0**

Recipe for Alkalinity Sample Type and Sample Code 33 with an Alkalinity value 127 is:

**Weigh out 20.5 grams of Sodium Carbonate (NaCO₃)
and 0.6 grams of Thymol
into a volume of 152 Liters.**

**The number of 250 mL bottles for this sample: 489
The number of 500 mL bottles for this sample: 0
The number of 1 L bottles for this sample: 0**

Turn on the stirrers before adding the salts. Add distilled water to the beaker to make a slurry and pour it into the tank. Rinse the beaker well.

The number of 250 mL bottles used is 1778
The number of 500 mL bottles used is 0
The number of 1 L bottles used is 0

Chemical Totals:
Sodium Carbonate: 39.3 Grams
Thymol: 2.1 Grams
Potassium Chloride: 0 Grams
Potassium Hydrogen Phthalate: 0 Grams
Sodium Hydroxide: 0 Grams