

ABSTRACTION.

Iodized salt represent execution program yodisasi of salt specified collectively/together by Minister for Public Health, Minister of Industry and also Minister of Trade and Co-Operation (Depkes, 1985) mentioning for example that salt of consumption circulating the totality Indonesia in the form of iodized salt, domestic product and also fulfill conditions specified by Minister For Public Health (Tuty Putri Srimulyati and Double [of] Herry Andayani, 2005).

According to rule going into effect all iodized salt circularized have to pursuant to invitation, for example content of iodized salt result of home affairs is 30-50 shares of persejuta of Potassium Yodat (30-50 mg/kg KIO₃) at level of distribution and graft article " iodized salt" at lable (Tuty Putri Srimulyati and Herry Andayani, 2005).

For the Potassium Yodat rate examination in cooking salt is generally conducted in laboraturium, generally conductedly process tirasi. Process titration generally conducted in the manual and needed a tester energy membership (analisis). Untuk water down Potassium Yodat rate examination in cooking salt good marketing by producer , consumer and also observation institution needed a appliance easy to operated.

For that, writer interested to make an appliance by using apparatus mikrokontroller, so that expected can yield appliance test accurate rate KIO₃ and more practical used. Research conducted by a writer that is do desain research by Analytical of Laborat. This Matter aim to to get an equipments laboraturium owning mistake tolerance of appliance which didesain in order to get maximal result.

As For Measuring Instrument of Rate of KIO₃ in cooking salt studied by this writer base on mikrokontroller AT 89s51 used to count drop converted to become drop, controlling sample of whether/what have circumstance of End Point, controlling to open or close buret by otomats, conducting squealer of sample at the of process of titration automatically, presenting result of measurement at LCD Character, and also mengeprint of result of measurement by menggunakanprinter is dot matrik.

Keyword : Appliance Test Rate KIO₃, Mikrokontroller AT89S51, Printer Dot Matrik.