

## Indonesian kaolin sample for reference material in chemical analysis

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### Abstrak

In the last few years, it has been a major development in the field of chemical analysis especially with instrumental technique in the exploration, mining and metallurgical industries. This development provided the fulfillment of chemical analysis criterion, such as accuracy, precision, sensitivity even the speed of analysis. The meaningful analytical measurement are achievable when both reference sample and reference methods have been standardized. Chemical analysis in the mining industry is continually making measurement comparisons between unknown and references' samples. One of the research activities of MTRDC in 1994/1995 is to prepare the reference standard kaolin sample for chemical analysis in the laboratories. Two samples have been prepared namely CLK and BLK and their concentration of SiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub>, TiO<sub>2</sub>, MgO, K<sub>2</sub>O, and LOI which have been recommended.