## Effect of Storage Conditions on The Characteristics and Composition of Fresh Goat Cheese Containing Probiotics

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Abstract	The objective of this study was to determine the characteristics and composition of soft cheese manufactured from goat milk, which contained probiotic bacteria, and stored at different temperatures for up to 90 days. Soft cheese was manufactured from fresh Indonesian Etawah goat milk, with a mix starter culture containing Lactobacillus casei and Bifidobacterium longum (1:1). Animal rennet was added to facilitate curding. Fresh cheese produced was wrapped in linen clothes and stored under two different temperature conditions, which were high temperature (H:13-15oC) and low temperature (L: 8-10oC) for up to 90 days. $\tilde{A}f\tilde{A}$ , $\tilde{A}$ , $\tilde{A}$ Results showed that goat cheese was characterized as soft with mild goaty flavor, contained no less than 108 CFU of probiotic lactic acid bacteria, pH of 4.6, 0.5% free fatty acid, 57% moisture, crude 15% crude protein, 22% total fat and 2.5% mineral. Cheese underwent dehydration during storage which caused an increase in the relative proportion of protein, fat and mineral. The evolution of cheese $\tilde{A}f\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}-\tilde{A}e\tilde{A},\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}-\tilde{A}e\tilde{A},\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A},\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A}e\tilde{A}e$
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