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Lampiran 1. Perhitungan Persamaan Aktivitas Kitinase

$$\text{Persamaan } y = 0,000682 - 0,00215 X_1 + 0,000388 X_2 - 0,0046 X_3 - 0,00215 X_1^2 \\ + 0,000092 X_2^2 + 0,0724 X_3^2 - 0,000044 X_1 * X_2 + 0,000916 X_1 * X_3 - 0,00842 X_2 * X_3$$

dimana,

X_1 = Fruktosa (0,75)

X_2 = Koloidal Kitin (1,5)

X_3 = MgSO_4 (0,075)

Persamaan

$$y = 0,000682 - 0,00215 (0,75) + 0,000388 (1,5) - 0,0046 (0,075) - 0,00215 (0,75^2) \\ + 0,000092 (1,5^2) + 0,0724 (0,075^2) - 0,000044 (0,75 * 1,5) + 0,000916 (0,75 * 0,075) \\ - 0,00842 (1,5 * 0,075)$$

$$y = 0,00008 \text{ U/ml}$$