

TABLE 1: Purification of Pyruvate Phosphate Dikinase from Maize Leaf.

Step	Total Act. <sup>a</sup> (Units)	Protein (mg)	Sp Act. (Units/ mg of Protein)
Crude extract <sup>d</sup>	637	6123 <sup>b</sup>	0.1
Ammonium sulfate fractionation (40-50%)	887	2233 <sup>b</sup>	0.4
DEAE-cellulose	984	464 <sup>b</sup>	2.1
Hydroxylapatite	686	273 <sup>b</sup>	2.5
Sephadex G-200	556	135 <sup>b</sup>	4.1
Jakoby's method	369	82 <sup>c</sup>	4.5

<sup>a</sup> Assay in the direction of P-enolpyruvate formation.

<sup>b</sup> Determined by the method of Lowry *et al.* (1951). <sup>c</sup> Determined by the method of Warburg and Christian (1942).

<sup>d</sup> From 800 g of maize leaf.