

TABLE I.

a. Reaction of solution.	b. Grams Na_2HPO_4 used.	c. Grams AgNO_3 used when "end-point" with K_2CrO_4 was reached.	d. "End-point" "overshopped."	e. Grams precipitate yielded.	f. Calculated yield of precipitated Ag_3PO_4 from grams AgNO_3 in columns c and d.	g. Calculated yield from grams Na_2HPO_4 in column b.	h. Grams Na_2HPO_4 not acted on by AgNO_3 .	i. Percentage of silver in precipitated phosphate.
(1) Acid	0.7105	1.17872	....	0.9608	0.9700	2.09	0.4 (=57%)	76.96
(2) Neutralized by dilute KHO	0.7105	1.17872	....	0.9655	0.9700	2.09	0.4 (=57%)	75.82
(3) Acid	0.7105	.....	1.696 (excess)	1.0630	1.734	....	.....	76.19
(4) Neutralized by dilute KHO	0.7105	.....	1.696 (excess)	1.4070	1.734	....	.....	76.80
(5) Acid	0.7105	.....	2.544 (large excess)	1.1350	2.601	....	.....	76.65
(6) Neutralized as No. 4	0.7105	.....	2.544 (large excess)	2.3841	2.601	....	.....	77.36