

U. S. DEPARTMENT OF COMMERCE

NATIONAL BUREAU OF STANDARDS

Washington 25, D. C.

Provisional Certificate of Analysis

Standard Sample 120a

Phosphate Rock  
(Florida)

	<u>Percent</u>
P <sub>2</sub> O <sub>5</sub> -----	34.4
Fe <sub>2</sub> O <sub>3</sub> -----	1.00
Al <sub>2</sub> O <sub>3</sub> -----	.94
CaO-----	50.3
MgO-----	.26
F-----	3.92
MnO-----	.02
Na <sub>2</sub> O-----	.41
K <sub>2</sub> O-----	.10
TiO <sub>2</sub> -----	.12
CO <sub>2</sub> -----	3.18

Values are based on a sample dried for two hours at 110°C. A value for silica is not included at present due to poor agreement by different methods and analysts.

(Signed) Harry C. Allen, Jr.  
Acting Chief,  
Analytical & Inorganic Chemistry  
Division

July 25, 1961

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