

GERMAN PHOSPHATES & NORWEGIAN APATITE.

	GERMAN PHOSPHATES.		NORWEGIAN APATITE.	
	Puro sample from Stafel. John Hughes.	Lower quality. Shepard.	Cannon & Newton.	
Moisture	1.42	..	..	.37
Organic Matter and Water of Combination ..	1.90	..	..	.54
*Phosphoric Acid ..	33.45	..	17.56	39.92
Lime	48.18	..	..	51.96
Magnesia	.65	..	..	—
Oxide of Iron	3.30	..	..	1.14
Alumina	1.37	..	..	1.36
†Carbonic Acid	3.70	..	..	1.99
Fluoride, Alkali, &c. ..	2.80	..	Undetermined	1.99
Insoluble Siliceous Matter	3.23	..	35.89	2.72
	100.00			100.00
*Equivalent to Tribasic Phosphate of Lime	73.02	..	38.33	87.14
†Do. Carbonate of Lime	8.40	..	..	3.09

WEST INDIAN ISLANDS.

	Navassa.	Sombrero.	Aruba.	Curaçao.
	Bretschneider.	G. H. Ogston.	Tuschemacher and Smith.	G. H. Gilbert.
Moisture	3.54	..	2.57	..
Organic Matter & Water of Combination ..	4.64	..	2.90	..
*Phosphoric Acid ..	35.60	..	34.22	..
Lime	38.35	..	49.22	..
Oxide of Iron	3.40	..	1.05	..
Alumina	6.50	..	2.85	..
†Carbonic Acid &c. ..	2.58	..	6.20	..
Insoluble Siliceous Matter	2.65	..	1.30	..
Undetermined	2.74	..	2.54	..
	100.00		100.00	
*Equivalent to Tribasic Phosphate of Lime	77.71	..	74.70	..
†Do. Carbonate of Lime	—	..	14.09	..