

NATIONAL LEAD COMPANY
TITANIUM DIVISION



14 OCT 1952

TECHNICAL DEPARTMENT
REPLY TO
P. O. BOX 58
SOUTH AMBOY, N. J.

August 19, 1952

Sir K. S. Krishnan
Director, National Physical Laboratories
Hillside Road
New Delhi, India

Dear Sir:

At the request of Mr. Frank Milliken, we are sending you, under separate cover, a rutile boule for your experimental use. We are also sending 1/2 pound of titanium dioxide powder of spectroscopic purity. This material is similar to a sample which you have received in the past.

Mr. Milliken has mentioned your work in the precipitation of brookite. We are very much interested in this, having succeeded ourselves in precipitating brookite in extremely fine particle size, but never under conditions which would be suitable for preparation of a pigment. If details are available on your methods of precipitation, we would be most interested to have them.

If, in your opinion, your work with the rutile boule should develop any information which would be of assistance to us, we would be very happy if you would communicate it to us.

Very truly yours,

R. Dahlstrom
Technical Director

RD:vs

cc: Mr. F.R. Milliken

Sample forwarded Aug. 25, 1952

Spectroscopic Grade
Titanium Dioxide

Sample MP-874

Spectrographic Analyses

SiO ₂	.08%	Cu	.0002%
Fe ₂ O ₃	.001	Pb	<.0001
Al ₂ O ₃	.001	Mn	.00001
Sb ₂ O ₃	<.001	W	<.005
SnO ₂	<.001	V	<.001
Mg	<.0005	Cr	<.001
Nb	<.01	Ni	<.001

August 25, 1952

cc.-R. Dahlstrom (2)