



E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
WILMINGTON, DELAWARE

Copy to:
Dr. S. S. Prentiss (3)
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New York, N. Y.

729825

AMMONIA DEPARTMENT
CHEMICAL DIVISION
EXPERIMENTAL STATION

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~~CONFIDENTIAL~~

December 2, 1942

Dr. Melvin Calvin
University of California
Berkeley, California

Dear Dr. Calvin:

At the request of Dr. Prentiss we are sending you two samples of Salcomine milled in White Oil but not cycled.

Sample A-2812 is Rumford Salcomine ball milled as a 38% suspension for 20 hours. Reduction of particle size was very limited. Capacity was 4.4% after removal of oil. The mill was of 25 gal. capacity lined with Belgian block and the balls were granite. This is from the same batch as Sample A-2594 which we sent Dr. Geissman. In one test it produced the inert red material.

Sample A-2813 is Rumford Salcomine milled until most of the large particles were broken down (42 hours). Capacity after oil removal was 4.2%. The mill was a two quart tinned can containing 1/2 inch steel balls.

Yours very truly,

E Field

E. Field

EF/eec

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BY AUTH. *CF DAR-1 4.3.1*

BY *David L. ...* DATE *3/18/96*

By *W. ...* AD *3/13/96*

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