

1971 MONTHLY REPORT WRITE-UPS - "PON SOL" PLANT ASSISTANCE GROUP

"Lithosol" Fast Violet 4RNL - W. M. Bryant, III (June 1971)

This pigment, which is used in paint, is made by bleaching the acid-free crude, obtained by acid pasting "Ponsol" Brilliant Violet 4RN into boiling (>95°C.) 5% sulfuric acid. Normally, charges of the "Ponsol" were first piloted in the laboratory to determine if they would make an acceptable "Lithosol". Our results on three composites of fourteen charges of the "Ponsol" are listed below:

<u>"Ponsol" Brilliant Violet 4RN Charge No.</u>	<u>Dyetest on Paper</u>	<u>"Lithosol" Fast Violet 4RNL Test</u>
139	2D)	
140	1 Bl 2D)	3R 1 Bri
141	3/2R & Bri)	10+
142	2Bl)	
151	1R 4Bri)	
152	1R 4Bri)	
153	1R 3Bri)	
154	3R 5/4 Bri)	1R 3 Bri
155	2/1R 3 Bri)	30+
156	2/1R 3 Bri)	
144	2Bl 1D)	
149	2R 3D)	4R 3Bri
150	2R 2D)	30+
157	1R 3Bri)	

Based on these results, we believe that laboratory pilots are no longer necessary; dyetest on paper (R and Bri) being an adequate means of determining which "Ponsol" charges will successfully convert to the "Lithosol" pigment.