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**20 January 1986**

**Committee D01 on Paint and Related Coatings, Materials, and  
Applications  
Subcommittee D01.31 on Pigment Specifications**

**Research Report D01-1048**

**Interlaboratory Study to Establish Precision Statements for ASTM  
D4450-85(2007) Standard Test Method for Analysis of Zinc Hydroxy  
Phosphite Pigment**

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

TEST METHOD ID\* ASTM D01.21.48

D01.21.48

DO YOU WANT TO OUTPUT ON:

(0) YOUR TERMINAL, (1) THE PRINTER AT ALLISON PARK OR (2) THE PRINTER AT SPRINGDALE??

D4450

NUMBER OF SAMPLES\* 2

ID SAMPLE # 1\*ZNO-NO.1

ID SAMPLE # 2\*ZNO-NO.2

NUMBER OF LABS-OPERATORS\* 5

INPUT DATA AS FOLLOWS:

FOR EACH SAMPLE ENTER THE LAB'S -OPERATOR'S - VALUE FOR THE FIRST RUN ON THE FIRST DAY, THE SECOND RUN ON THE FIRST DAY, THE FIRST RUN ON SECOND DAY, AND THE SECOND RUN ON THE SECOND DAY SEPARATE ALL DATA WITH COMMAS

| SAMPLE     | LAB | DATA                        |
|------------|-----|-----------------------------|
| 1 ZNO-NO.1 | A*  | 77.19,76.77,78.40,79.46     |
| 1 ZNO-NO.1 | B*  | 76.55,76.93,77.27,76.42     |
| 1 ZNO-NO.1 | C*  | 77.02,77.13,77.16,77.34     |
| 1 ZNO-NO.1 | D*  | 77.05,76.98,76.82,76.96     |
| 1 ZNO-NO.1 | E*  | 76.59,76.19,76.28,76.69     |
| 2 ZNO-NO.2 | A*  | 78.36,78.07,78.83,79.86     |
| 2 ZNO-NO.2 | B*  | 77.25,77.63,77.80,77.15     |
| 2 ZNO-NO.2 | C*  | 78.74,78.52,78.75,78.97     |
| 2 ZNO-NO.2 | D*  | 77.61,77.70,77.90,78.00,N,N |
| 2 ZNO-NO.2 | E*  | 77.61,78.01,77.30,77.40     |

ARE THERE ANY CORRECTIONS? N

ADJUST PAPER--PRESS CARRIAGE RETURN

ASTM D01.21.48

| SAMPLE         | 1     | ZNO-NO.1 |        | AVE    |
|----------------|-------|----------|--------|--------|
|                |       | RUN 1    | RUN 2  |        |
| LAB A          | DAY 1 | 77.190   | 76.770 | 76.980 |
|                | DAY 2 | 78.400   | 79.460 | 78.930 |
| LAB B          | DAY 1 | 76.550   | 76.930 | 76.740 |
|                | DAY 2 | 77.270   | 76.420 | 76.845 |
| LAB C          | DAY 1 | 77.020   | 77.130 | 77.075 |
|                | DAY 2 | 77.460   | 77.340 | 77.400 |
| LAB D          | DAY 1 | 77.050   | 76.980 | 77.015 |
|                | DAY 2 | 76.820   | 76.960 | 76.890 |
| LAB E          | DAY 1 | 76.590   | 76.490 | 76.540 |
|                | DAY 2 | 76.280   | 76.690 | 76.485 |
| SAMPLE AVERAGE |       |          |        | 77.090 |

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