

RAW MATERIAL CHARACTERISTICS AND TESTING

18

Experimental No. White Lead, Carter Sample Report Date 8-30-43 No. 1
 Name (Trade) White Lead, Carter Card No. 1 Replaces Card No. 1

Name (Chemical) <u>Lead Carbonate</u>	SIMILAR MATERIALS	
Material (Class) <u>Pigment</u>	<u>1</u>	<u>1151</u>
Usage <u>Paste & Liquid paints Q.D. Colors</u>	<u>1140</u>	<u>2144</u>
Approximate Price _____ Date _____	<u>1812</u>	
Bulk <u>1.77</u> Gal./100 lbs. Wt./Gal. <u>56.56</u> @ _____ °F.	<u>BW 102</u>	<u>Pulp</u>

ROUTINE TESTS (Must be Run on Each Shipment)					SECONDARY TESTS (Run Different One Each Shipment)				
TEST	Min.	Stan.	Max.	Method	TEST	Min.	Stan.	Max.	Method
Color				421.2 or 421.1	Lead Carbonate-65% Moisture			75% 1.0%	706 407.1
Strength				422.2	Res. 325 M Oil Abs.		10	1.0% 12	410
Texture				---	Total Lead 80-90%				419.2

N15807

0007-SWP-0048401

SUPPLIER'S NAME	SUPPLIER'S CODE No.
Carter White	Eagle
Quick Process White Lead #18	National
S.W. Chicago	Carter
	Anacanda

Specification: Issued on 3-5-41

Standard Sample Established 6-17-29

Assignment Requested by

REMARKS: Carbonate Hydrate ratio shall conform to
A.S.T.M. specification D 81 38

Lead Carbonate $PbCO_3$ 65.0 - 75.0%
Moisture & Impurities 1.7%
Bal. Lead Hydroxide $Pb(OH)_2$

X147 043 2586

0007-SWP-0048402

RAW MATERIAL CHARACTERISTICS AND TESTING

Exp'tal No. _____ Sample Report _____ Card No. 2 Date 9-17-48 18
 Name (Trade) Basic Carbonate White Lead Replaces Card No. 1
 Name (Chemical) _____
 Material (Class) White Pigment
 Usage Exterior Paints Storage Loss _____
 Approximate Price _____ Date _____ % in Tanks _____
 Bulk 1.79 Gal./100 lbs.; Lb./Gal 55.81 @ _____ *F. _____ % in Drums _____

SIMILAR MATERIALS

9 Basic Sulfate
2144 HI-Viscosity

ROUTINE TESTS (Must be Run on Each Shipment)

TEST	Min.	Stan.	Max.	Method
Color	Equal	or brighter		421.2
Tinting				
Strength	Equal	or stronger		421.1
Oil Absorption* 9			12	419.1
*When over specification check std. and tolerate + 10% variation.				

SECONDARY TESTS (Run Different One Each Shipment)

TEST	Min.	Stan.	Max.	Method
Residue 325 M, %			0.1	410
Carbon Dioxide, %	10.2		11.0	706
Acetic Acid.				
Insoluble, %			1.0	
Metallic Lead, %			0.1	
Moisture, %			0.3	407.1

N15807.01

0007-SWP-0048403

SUPPLIER'S NAME	SUPPLIER'S CODE No.
National lead Co.	H. T. S. White Lead

Specification: Issued on 9-17-47 revised From 3-5-41 by V. L. Sahli

Standard Sample Established

Assignment Requested by

REMARKS:

X157 10-46 3 1754 1

0007-SWP-0048404

RAW MATERIAL CHARACTERISTICS AND TESTING

Exp'tal No. _____ Sample Report _____ Card No. 3 Date 2/2/48 No. 18

Name (Trade) White Lead H.T.S. Type

Replaces Card No. _____

Name (Chemical) Basic Lead Carbonate

SIMILAR MATERIALS

Material (Class) White Pigment

Usage Exterior Oil Paints

Storage Loss _____

9 Basic Sulfate

Approximate Price _____ Date _____

% in Tanks _____

Bulk 1.77 Gal./100 lbs.; Lb./Gal 56.6 @ _____ °F.

% in Drums _____

ROUTINE TESTS (Must be Run on Each Shipment)

SECONDARY TESTS (Run Different One Each Shipment)

TEST	Min.	Stan.	Max.	Method	TEST	Min.	Stan.	Max.	Method
Color	95%	STD-Min		421.0	Ammonium				
					Acetate insol.			1.0	
					Moisture			0.3	407.1
Tinting Strength	equal	or stronger			Residue on 325M			0.1	410
				422.2	Carbon Dioxide			11.0	706
Oil Absorption									
% of Std. *	80		120	419.1	Metallic Lead			0.02	
* See Remarks									

N15807.02

0007-SWP-0048405

SUPPLIER'S NAME	SUPPLIER'S CODE No.
National Lead Co.	Dutchboy H.T.S. White Lead

Specification: Issued on 11-25-47 by V. L. Sahli

Standard Sample Established 2/2/48

Assignment Requested by

REMARKS: (1) When oil absorption runs high and tinting strength excessively strong, determine the CO₂ content. (2) The oil absorption of std will be 10.5 - 11.0 using an oil having an acid value of 3.0. The allowable variation in shipments then becomes 9-13

3167 10-40 2-1723

RAW MATERIAL CHARACTERISTICS AND TESTING

7167

TRADE NAME White Lead DATE 9/1/54 NO. 18
 CHEMICAL NAME _____ CARD NO. 4 PREVIOUS NO. _____
 _____ COMPOSITION SUB-CLASS: _____
 USAGE (NAME & NO.) _____ MOST SIMILAR CLASSIFIED NO. _____
 BULK: _____ GALS./100 LBS. LBS./GAL. _____ ° _____ ° RELATED NOS. _____
 EXPAN. COEFF. 0.000 _____ PER ° F FLASH PT. _____ ° F (TOC) STORAGE LOSS _____ TANKS _____ DRUMS

ROUTINE TESTS (RUN ON EACH SHIPMENT)					SECONDARY TESTS (RUN DIFFERENT ON EACH SHIPMENT)				
TEST	MIN.	STD.	MAX.	METHOD	TEST	MIN.	STD.	MAX.	METHOD
Void Reassigned 6005									

N15807.03

0007-SWP-0048407