

RAW MATERIAL CHARACTERISTICS AND TESTING

18

Experimental No. White Lead, Carter Sample Report 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 <u> </u> Date <u> </u>	<u>1812</u>	<u> </u>
Bulk <u>1.77</u> Gal. / 100 lbs. Wt. / Gal. <u>56.56</u> @ <u> </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%			75%	706
				422.2	Moisture			1.0%	407.1
Strength					Res. 325 M			1.0%	410
					Oil Abs.	10		12	
Texture				---					419.2
					Total Lead 80-90%				

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 2486

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

Approximate Price _____ Date _____

Bulk 1.79 Gal./100 lbs.; Lb./Gal 55.81 @ _____ *F.

SIMILAR MATERIALS

9 Basic Sulfate

2144 HI-Viscosity

Storage Loss

% in Tanks

% in Drums

ROUTINE TESTS (Must be Run on Each Shipment)

TEST	Min.	Stan.	Max.	Method
Color	Equal	or brighter		421.2
Tinting				
Strength	Equal	or stronger		421.2
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, %	110.2		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 S 1758

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

2157 10-40 5-1725

RAW MATERIAL CHARACTERISTICS AND TESTING

X167

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 ° OF FLASH PT. _____ ° OF (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 6805									

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