

ANALYSIS OF PVC SLURRY AND WET CAKE FOR PPM, VCM

SAMPLE TYPE: 5385
 DATE: 7-27-78

REACTOR: D-600
 LOT #: 36418-3

Response Factor (RF) = 148
 Area of Sample (As) = 163514
 Whole Sample Weight (SW) = 1.743
 Dry Weight ÷ wet weight (TS) = .654
 SW x TS = Resin Weight (RW) = 1.139
 RW ÷ 1.4 = Resin Volume (RV) = .814
 SW - RW = Water Weight (WW) = .604
 RV + WW = Sample Volume (SV) = 1.418
 23.0 - SV = Vial Volume (VV) = 21.582
 Lab Barometric Pressure at the Time
 the Standards were Prepared (P) = 761
 Lab Temperature at Time Standards were
 Prepared in °K = °C + 273 = (T) = 295
 1 - TS = Water Fraction (TW) = .346

$$RVCM = \left[\left(\frac{VV \times 10^{-3}}{RW} \right) + (TS \times 2.36 \times 10^{-3}) + (TW \times 1.82 \times 10^{-3}) \right] \frac{As}{RF} \frac{P}{T}$$

RVCM of Sample Dry Basis = 60.2

1.726
 1.128

VOM IN GLURRIES . 78 SEPT 28 10:47:22

CHANNEL 3 RUN 10 FILE 6 METHOD 5

INDE 1 SAMPLE 38418-1

Q. AMT= 1.347

REF= 1.065

NAME	CONC	RT	AREA	WF
PM VC MET	42.1	56	124816	9
2		59	314	4
3		83	4217	1
4		95	225	1
TOTALS	42.1		129568	

DTH 000116167

Spectra-Physics

VCM IN SLURRIES 26 SEPT 24 10:47 22

INDEX 1 SAMPLE 36418-1

SAMPLE 36418-1

PM VC WET 42.1

TOTALS 42.1

VCM IN SLURRIES 26 SEPT 28 10 31.52

CHANNEL 2 RUN 21 FILE 6 METHOD 5

INDEX 2 SAMPLE 36418-2

SAMPLE 36418-1 36418-2

NAME CONC RT AREA RF

A 41 1452

TOTALS 1452

VCM IN SLURRIES 26 SEPT 28 10 31 52

INDEX 2 SAMPLE 36418-1

SAMPLE 36418-1 36418-2

PM VC WET 42.1

TOTALS 42.1

VCM IN SLURRIES 26 SEPT 24 10:56 22

CHANNEL 2 RUN 23 FILE 6 METHOD 5

INDEX 2 SAMPLE 36418-2

SAMPLE 36418-1 36418-2

NAME CONC RT AREA RF

DTH 000116168

PM VC WET	40.09	57	121159	5	14211
2		70	312	1	
3		83	4019	1	
4		95	1351	1	
TOTALS	40.09		123751		

VCN IN SLURRIES 78 SEPT 18 10 56:02

INDEX 1 SAMPLE 36418-2

SAMPLE 36418-2

PM VC WET 40.09

TOTALS 40.09

VCN IN SLURRIES 78 SEPT 28 11:00:23

CHANNEL 2 RUN 34 FILE 5 METHOD 3

INDEX 1 SAMPLE 36418-1

SAMPLE= 1.742 AF= 1.189

NAME	CONC	RT	AREA	KT
PM VC WET	41.2	56	163514	5
2		69	368	1
3		83	5590	1
4		95	278	1
TOTALS	41.2		169750	

VCN IN SLURRIES 78 SEPT 28 11:00:23

INDEX 1 SAMPLE 36418-3

SAMPLE 36418-3

PM VC WET 41.2

TOTALS 41.2

DTH 000116169