

Quantachrome Corporation
Quantachrome Autosorb Automated Gas Sorption System Report
Autosorb for Windows® Version 1.16

Sample ID	Alumina	Lot #46F-BA-106-22			
Description	PERFORMANCE VERIFICATION:SRM #53				
Comments					
Sample Weight	1.6284 g				
Adsorbate	KRYPTON	Outgas Temp	300.0 °C	Operator	ATG
Cross-Sec Area	20.5 Å ² /molecule	Outgas Time	2.0 hrs	Analysis Time	194.1 min
NonIdeality	3.000E-05	P/Po Toler	0	End of Run	04/17/2006 15:44
Molecular Wt	83.8000 g/mol	Equil Time	4	File Name	A6417012_RAW
Station #	2	Bath Temp.	77.40		

MULTIPOINT BET

P/Po	Volume [cc/g] STP	1/(W((Po/P)-1))
6.4705e-02	0.0695	2.662E+02
7.4086e-02	0.0734	2.917E+02
1.0026e-01	0.0813	3.664E+02
1.5072e-01	0.0925	5.134E+02
2.0845e-01	0.1022	6.892E+02

Area = 4.884E-01 m²/g

Slope = 2.943E+03

Y - Intercept = 7.327E+01

Correlation Coefficient = 0.999889

C = 4.116E+01

uf 4/19/06
AK 4/17/06

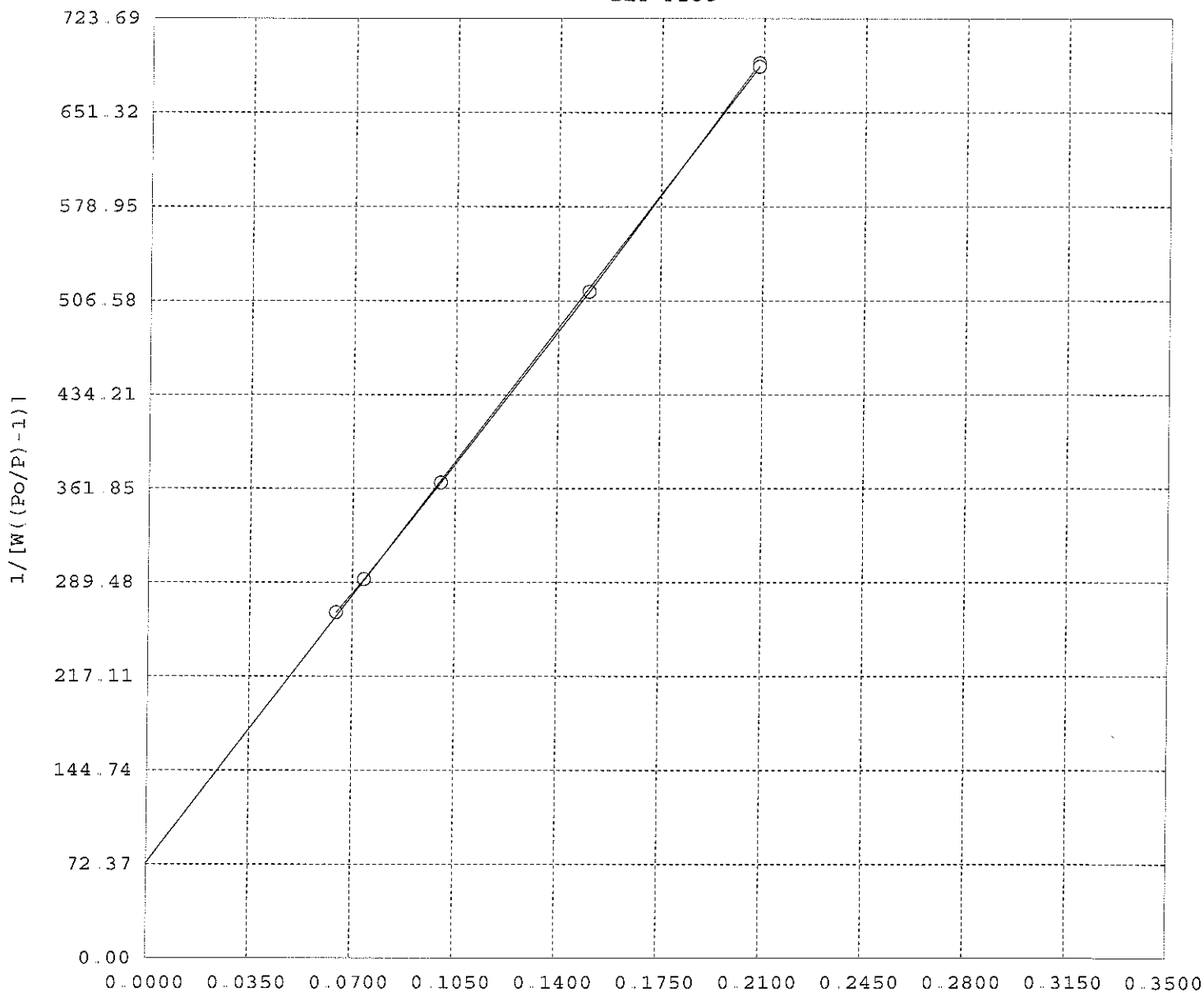
Date: 04/17/2006

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A ○ BF ○

BET Plot



Relative Pressure, P/Po

Area 0.49
(m²/g)