

CHEMICAL ANALYSIS

(Representative Sample Certificate)

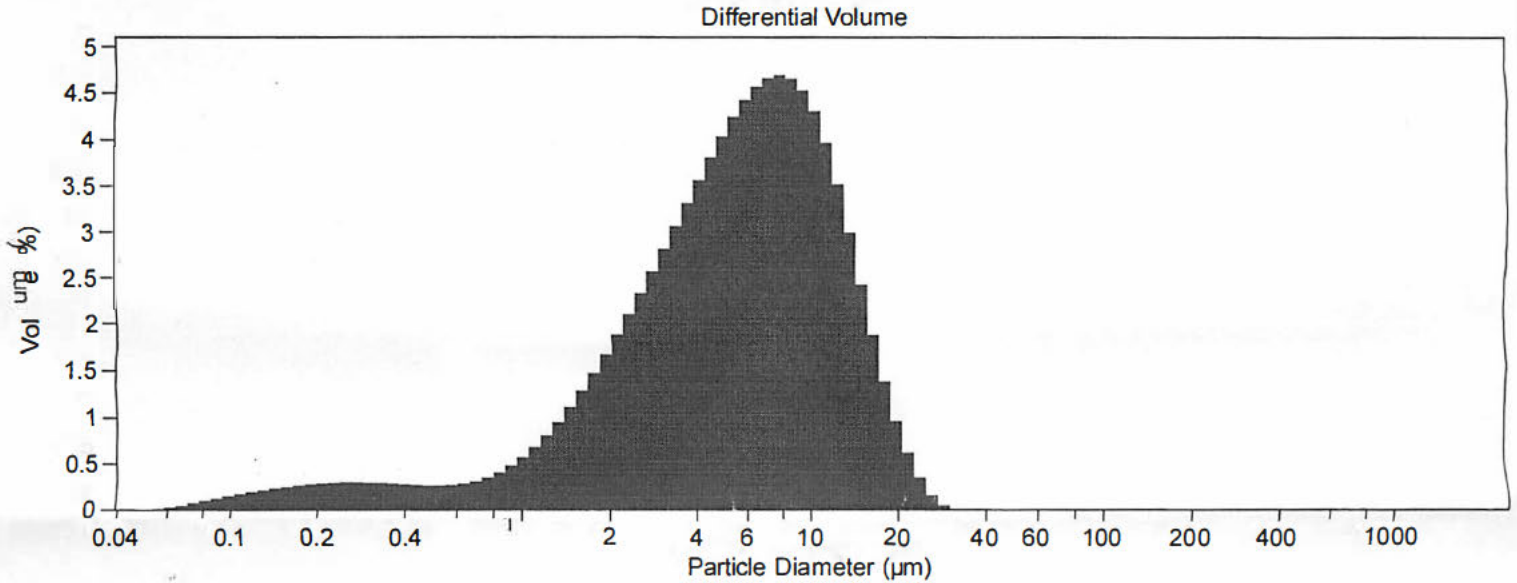
Boron Nitride Powder (BN)

Size : -10 um

Lot Number	Not available (data may vary slightly with different lots or batches)
BN	99.77%
Calcium	0.006%
Carbon	0.007%
Iron	58ppm
Oxygen	0.13%
B ₂ O ₃	0.08%
Chloride	22ppm
Aluminum	79ppm
Silicon	0.002%
Lead mg/kg	<0.1
Arsenic mg/kg	<0.1
Mercury mg/kg	<0.1
Surface Area m ² /g	8.2
Particle size D50, micron	5.634
Moisture, %	0.09
Tap density, g/cm ³	0.42

LS Particle Size Analyzer

File ID: HG010PA210
Sample ID: BNP -10P
Comment 1: LOT #: N/a
Comment 2: N/a
Optical model: diamic.rf780d PIDS included



Volume Statistics (Arithmetic) N/a

Calculations from 0.040 µm to 2000 µm

Volume:	100%	S.D.:	4.822 µm						
Mean:	6.628 µm	Variance:	23.26 µm ²						
Median:	5.634 µm	Skewness:	1.028 Right skewed						
D(3,2):	1.905 µm	Kurtosis:	1.017 Leptokurtic						
Mode:	7.775 µm								
d ₁₀ :	1.324 µm	d ₅₀ :	5.634 µm	d ₉₀ :	13.35 µm				
<10%	1.324 µm	<25%	2.928 µm	<50%	5.634 µm	<75%	9.366 µm	<90%	13.35 µm