

Certificate of Analysis

Product Name	Pyrolytic Boron Nitride (PBN)
Purity	99.995%
Lot NO.	HM202450424-PBN03

Element	Test Result (ppm wt)	Element	Test Result (ppm wt)
Li	<0.01	Pd	<0.05
Be	<0.01	Ag	<0.05
B	Matrix	Cd	<0.1
C	-	In	Binder
N	Matrix	Sn	<1
O	-	Sb	<1
F	<1	Te	<0.1
Na	0.30	I	<0.05
Mg	<0.05	Cs	<0.5
Al	0.39	Ba	<0.05
Si	4	La	<0.05
P	<0.05	Ce	<0.05
S	<0.5	Pr	<0.05
Cl	8	Nd	<0.05
K	<0.05	Sm	<0.05
Ca	<0.1	Eu	<0.05
Sc	<0.01	Gd	<0.05
Ti	0.16	Tb	<0.05
V	<0.2	Dy	<0.05
Cr	<0.05	Ho	<0.05
Mn	<0.05	Er	<0.05
Fe	0.10	Tm	<0.05
Co	<0.01	Yb	<0.05
Ni	<0.01	Lu	<0.05
Cu	<0.05	Hf	<0.05
Zn	<0.05	Ta	Source
Ga	<0.1	W	<0.01
Ge	<0.05	Re	<0.05
As	<0.1	Os	<0.05
Se	<0.5	Ir	<0.01
Br	<0.1	Pt	<0.05
Rb	<0.05	Au	<0.1
Sr	<0.05	Hg	<0.1

Heeger Materials Inc

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Element	Test Result (ppm)	Element	Test Result (ppm)
Y	<0.01	Ti	<0.05
Zr	<0.05	Pb	<0.1
Nb	<0.01	Bi	<0.05
Mo	<0.05	Th	<0.01
Ru	<0.05	U	<0.01
Rh	<0.05		

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