



SAPPHIRE HD
Phone screen protector

99.9999% synthetic sapphire

Certified by EAG Laboratories, the European testing authority, for sapphire composition

**Almost all the sapphires used
in industry are artificial sapphires.**

STRONG 莫氏硬度9

The main chemical composition, hardness, density and dichroism of artificial sapphire are the same as natural sapphire, which has excellent light transmission, thermal conductivity, electrical insulation, and wear resistance and pavement corrosion resistance. It has important applications in high-end watches, precision electronic components, beauty care, cell phones, aerospace and military equipment.



**EAG
Laboratories**

GDMS
Analytical Report

101, 201, Building 2, 177 Jiangkai Road
Minhang District, Shanghai, China
T (86)-21-68796088 F (86)-21-68799086
info.cn@eag.com www.eag.com

Customer: **Shenzhen Blueo Innovation Technology Co., Ltd** P.O.#

Date: **23-Sep-22**

Job #

H0NNY534

Customer ID: **AI203**

NO ID

Sample ID: **H220918041**

[Rev: 2022-10-12 16:12:40]

Element	Concentration [ppm wt]	Element	Concentration [ppm wt]
Li	< 0.05	Pd	< 0.5
Be	< 0.05	Ag	< 0.5
B	< 0.05	Cd	< 0.5
C	-	In	< 0.5
N	-	Sn	< 0.5
O	Matrix	Sb	< 0.1
F	< 5	Te	< 0.1
Na	0.52	I	< 0.1
Mg	< 0.1	Cs	< 0.1
Al	Matrix	Ba	< 0.1
Si	0.2	La	< 0.1
P	< 0.1	Ce	< 0.1
S	< 0.5	Pr	< 0.1
Cl	< 0.1	Nd	< 0.1
K	< 0.5	Sm	< 0.1
Ca	< 0.5	Eu	< 0.1
Sc	< 0.05	Gd	< 0.1
Ti	< 0.05	Tb	< 0.1
V	0.16	Dy	< 0.1
Cr	< 0.5	Ho	< 0.1
Mn	< 0.05	Er	< 0.1
Fe	< 1	Tm	< 0.1
Co	< 0.05	Yb	< 0.1
Ni	< 0.5	Lu	< 0.1
Cu	< 1	Hf	< 0.1
Zn	< 0.5	Ta	Sec. Cathode
Ga	< 0.1	W	< 20
Ge	< 1	Re	< 0.05
As	< 0.1	Os	< 0.05
Se	< 0.5	Ir	< 0.05
Br	< 0.5	Pt	< 0.1
Rb	< 0.05	Au	Interference
Sr	< 0.05	Hg	< 0.5
Y	< 0.05	Tl	< 0.1
Zr	< 0.1	Pb	< 0.1
Nb	< 50	Bi	< 0.1
Mo	< 20	Th	< 0.01
Ru	< 0.5	U	< 0.01
Rh	< 0.5		

Purity=99.999912% based on observed detection limit!



Testing Cert. #2797.04

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This report is for reference only and does not serve as a social proof. Reviewed by Linda Li

Precision and bias typical of GDMS measurements are discussed under ASTM F1593.

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Eurofins EAG Materials Science China does not perform sampling. Analysis was performed on samples and sample locations specified and agreed upon by the client prior to analysis. The results relate only to the items tested.

B.Li (Analyst)

We have received a sapphire monitoring report from the French EAG laboratory.

eurofins is the top testing institute in Europe in the field of testing

STRONG 实力耐刮 **9MOHS** 莫氏硬度9

