

Test Report

1 April, 2019

Type of Product : Artline STAMP PAD INK ESA-1N,2N (Black)(Blue)(Red)(Green)(Purple)
<Object:Ink> Artline STAMP PAD EHJ-1,2,3,4 (Black)(Blue)(Red)(Green)(Purple)

Test Item	Colour	Result (unit mg/kg)	Minimum limit of determination	Testing Date
a) Lead and lead compounds	All colours	Not detected	2	21 February, 2019 - 27 February, 2019
b) Cadmium and cadmium compounds	All colours	Not detected	2	21 February, 2019 - 27 February, 2019
c) Mercury and mercury compounds	All colours	Not detected	2	21 February, 2019 - 27 February, 2019
d) Hexavalent chromium compounds	All colours	Not detected	8	21 February, 2019 - 27 February, 2019
e) PBBs/PBDEs	All colours	Not detected	5	21 February, 2019 - 27 February, 2019
f) DBP	All colours	Not detected	50	21 February, 2019 - 27 February, 2019
g) BBP	All colours	Not detected	50	21 February, 2019 - 27 February, 2019
h) DEHP	All colours	Not detected	50	21 February, 2019 - 27 February, 2019
i) DIBP	All colours	Not detected	50	21 February, 2019 - 27 February, 2019

(Unit; mg/kg=ppm)

Analysis company : SGS-CSTC [Approved Signatory : Dora Hu]

Pretreatment:

a),b) IEC 62321-5 : 2013
c) IEC 62321-4 : 2013+AMD1:2017
d) IEC 62321-7-2:2017
e) IEC 62321-6 : 2015
f),g),h),i) IEC 62321-8:2017

Analysis method:

a),b) ICP-OES
c) ICP-OES
d) UV-Vis
e) GC-MS
f),g),h),i) GC-MS



note) •A sample completely dissolved in preprocessing operation and performed quantitative analysis. (Lead,Cadmium,Mercury)
•“Not detected” means under the minimum limit of determination.
•Red ink contain dyestuff (bromine compound), but brominated flame retardants(PBBs,PBDEs) are not contained.
Please note that test result by X-ray fluorescence spectrometer shows total bromine value.

Shachihata Inc



Yukihiro Shibagaki Quality Assurance Gr.