

Test Report

1 April, 2019

Type of Product : TAT INDELIBLE INK (Black)(Red)(Blue)(Green)(Purple)(White)
<Object:Ink> STSG, STSG-1(Small bottle), STSG-3(Large bottle)

Test Item	Colour	Result (unit mg/kg)	Minimum limit of determination	Testing Date
a) Lead and lead compounds	5 colours (except White)	Not detected	2	21 February, 2019 - 27 February, 2019
	White	6		
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

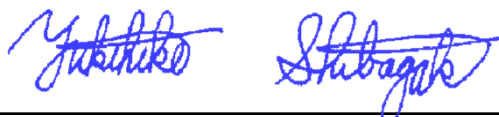
Analysis method:

a),b),c) ICP-OES, AAS
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.



Shachihata Inc



Yukihiro Shibagaki Quality Assurance Gr.