

4-69, Amazuka-cho, Nishi-ku,  
Nagoya 451-0021, Japan  
<http://www.shachihata.co.jp/>

TEL +81-52-521-3600  
FAX +81-52-521-3899

## Test Report

1 April, 2019

Type of Product : TAT INDELIBLE INK      STSP-N , STSP-1N , STSP-3N (Black)  
<Object:Ink>      (STSP-1N-K(Small bottle) , STSP-3N-K(Large bottle))

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

Shachihata Inc



Yukihiro Shibagaki Quality Assurance Gr.