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## Certificate of Non-use of RoHS Restricted Substances

We certify that the following products do not contain the RoHS restricted substances above the allowable limit except for the following exemptions.

### 1) Restricted Substances and allowable limit


List of RoHS Restricted Substances and allowable limit in homogeneous materials

ITEM(S)	Allowable Limit
Lead and its compounds	$\leq 0.1\text{wt}\%$ (1000ppm)
Mercury and its compounds	$\leq 0.1\text{wt}\%$ (1000ppm)
Cadmium and its compounds	$\leq 0.01\text{wt}\%$ (100ppm)
Hexavalent Chromium and its compounds	$\leq 0.1\text{wt}\%$ (1000ppm)
Polybrominated biphenyls (PBB)	$\leq 0.1\text{wt}\%$ (1000ppm)
Polybrominated diphenylethers (PBDB)	$\leq 0.1\text{wt}\%$ (1000ppm)
Bis(2-ethylhexyl) phthalate (DEHP)	$\leq 0.1\text{wt}\%$ (1000ppm)
Butyl benzyl phthalate (BBP)	$\leq 0.1\text{wt}\%$ (1000ppm)
Dibutyl phthalate (DBP)	$\leq 0.1\text{wt}\%$ (1000ppm)
Diisobutyl phthalate (DIBP)	$\leq 0.1\text{wt}\%$ (1000ppm)

### 2) Product in warranty is as follow

Part Name : SAW Filter

Part Number : SF18 series

  
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Hisayuki Inoue

Manager  
Quality Assurance Section  
RF Devices Division  
Corporate Electronic Components Group  
KYOCERA Corporation