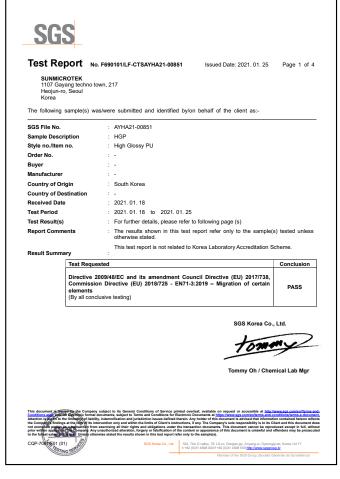


Test Item Soluble Organic Tin	ND		
Soluble Zinc (Zn)	ND		
Conclusion	PASS		
Test Item	Soluble Organic Tin Result(s)	MDL(mg/kg)	
Methyl tin (MeT) Di-n-progyl tin (DProT) Budyl tin (BUT) Tribudy tin (TBT) D-cockyl tin (MOT) Terabudy tin (TBT) Di-n-ockyl tin (DDT) Triphenyl tin (TPhT)	(mgKq) ND ND ND ND ND ND ND ND ND	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	
			SGS
Records Contact SUNMICROTEK CO., LTD. #1107 Gayang techno town 217 Heojun-ro, Seoul Korea Tei : +82 2 398 6670			



SGS

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Test Results :

Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738, Commission Directive (EU) 2018/725 - EN71-3: 2019 – Migration of certain elements

Category III: Scrapped-off toy material

Method : With reference to EN71-3:2019. Analysis of general elements was performed by ICP-OES and Chromium (III)

Test Item		Result (mg/kg)	Reporting	Permissible Limit
lest item		1	Limit (mg/kg)	(EN71-3:2019) (mg/kg
Mass of trace amount	(mg)	-	-	-
Soluble Aluminium	(AI)	ND	50	70,000
Soluble Antimony	(Sb)	ND	10	560
Soluble Arsenic	(As)	ND	10	47
Soluble Barium	(Ba)	ND	50	18,750
Soluble Boron	(B)	ND	50	15,000
Soluble Cadmium	(Cd)	ND	5	17
Soluble Chromium (III)	(Cr (III))	ND	5	460
Soluble Chromium (VI)	(Cr (VI))	ND	0.01	0.053
Soluble Cobalt	(Co)	ND	10	130
Soluble Copper	(Cu)	ND	50	7,700
Soluble Lead	(Pb)	ND	10	23
Soluble Manganese	(Mn)	ND	50	15,000
Soluble Mercury	(Hg)	ND	10	94
Soluble Nickel	(Ni)	ND	10	930
Soluble Selenium	(Se)	ND	10	460
Soluble Strontium	(Sr)	ND	50	56,000
Soluble Tin	(Sn)	ND	4.9	180,000
Soluble Organic Tin	-	ND		12
Soluble Zinc	(Zn)	ND	50	46,000
Comment / Conclusion		PASS		

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•	JIL NO. F6901	101/LF-CTSAYHA21-00851 Issued Date : Soluble Organic Tin Result(s) (mg/kg)	2021. 01. 25	5 Page 3 of 4 Test Report No. F690101/LF-CTSAYHA21-00851 Issued Date : 2021. 01. 25 Page 4 of
'est Item(s)	-	1	(mg/kg)	Picture of Sample as Received :
imethyl tin	(DMT)	ND	0.5	Picture of Sample as Received :
lethyl tin	(MeT)	ND	0.5	
i-n-propyl tin	(DProT)	ND	0.5	
utyl tin	(BuT)	ND	0.5	
ibutyl tin	(DBT)	ND	0.5	
ibutyl tin	(TBT)	ND	0.5	
Octyl tin	(MOT)	ND	0.5	
-n-octyl tin	(DOT)	ND	0.5	
trabutyl tin	(TeBT) (DPhT)	ND ND	0.5	
phenyl tin iphenyl tin	(TPhT)	ND	0.5	
4. Soluble	Chromium (III) = S	oluble Total Chromium – Soluble Chromium (VI)		AYHA21-00851
4. Soluble	Chromium (III) = S	oluble Total Chromium – Soluble Chromium (VI)		AYHA21-00851 *** End of Report ***