

TEST REPORT

Report No. : MAN:HL:1048003867

DATE : 23rd May, 2019



J K ENTERPRISES

9-B, 3rd FLOOR, STAR ZONE MALL, NASHIK PUNE ROAD
 NASHIK-422101(MAHARASHTRA)
 INDIA

CONTACT PERSON : MR. SANJAY SAHNI

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION GRAPAGE/GRAPVIN GRAPE GUARD
STYLE NO. 23.5X35-5GM, 23.5X38-5GM, 23.5X45-6.5GM, 23.5X32-5GM, 23.5X35-7G, 23.5X38-8G,
 23.5X45-8G, 23.5X47-7G, 35X40-8.5G, 35X47-6.5G, 35X47-10G, 35X53.5-10G
SAMPLE RECD ON 13/05/2019
TEST PERFORMING DATE 17/05/2019 TO 22/05/2019

SUMMARY OF TEST RESULTS:

TEST REQUESTED	CONCLUSION
EN 71-3: 2013 + A3 : 2018 - MIGRATION OF CERTAIN ELEMENTS	PASS

TEST(S) RESULT & METHOD: PLEASE REFER TO NEXT PAGE(S)

Per Pro SGS India Pvt. Ltd.



SANDIP BHUSHAN(Asst. Manager)

Email your Test Report Related Enquiries at Feedback.HLT@sgs.com

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TEST RESULTS :-

EN 71-3:2013 + A2:2018 - MIGRATION OF CERTAIN ELEMENTS:

Category III Scrapped-off toy material:

Method : With reference to EN71-3:2013+ A3:2018. Analysis of general elements was performed by ICP-OES.

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Mass of trace amount (mg)	--	--	--
Soluble Aluminium (Al)	174	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 (Cr)	ND	0.15	--
Soluble Chromium (III) # (Cr (III))	See Note #	5	460
Soluble Chromium (VI) # (Cr (VI))	See Note #	0.18	0.2
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 [^]	See Note [^]	0.5	12
Soluble Zinc (Zn)	ND	50	46,000
Conclusion	PASS	--	--

Tested Item: GRAPAGE/GRAPVIN GRAPE GUARD

Note :

- mg/kg = milligram per kilogram
- ND = Not Detected
- 1% = 10000 mg/kg = 10000 ppm

- # Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3:2013+ A3:2018.
- ^ Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3:2013+ A3:2018.
- Testing has been subcontracted to SGS approved lab.
- Testing has been performed as per client's request.

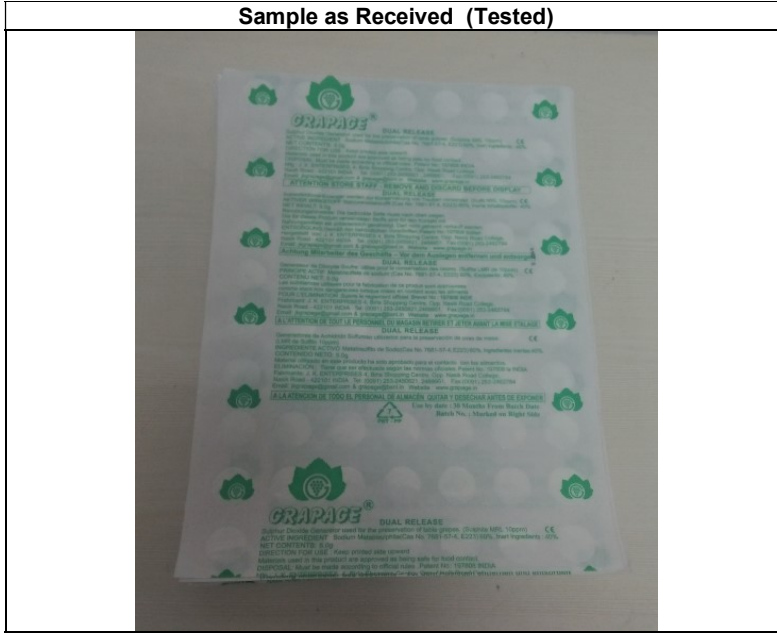
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Sample as Received (Tested)



Sample as Received (Grouped)



***** END OF REPORT*****