

START DATE 16/05/2022
END DATE 23/05/2022

APPLICANT

RESIN PRO SRL
Via XXV Aprile Z.I. Snc
19021 Arcola SPSAMPLE DESCRIPTION
Quotation No. 1203/DB
Receiving Date: 16/05/2022
Quantity: 1 bottle
Name: NATURESIN
Sample Return No
Buyer's Name: RESIN PRO SRL**Sample 01 SAMPLE DESCRIPTION: WHITE POWDER (NATURESIN)**

Test	Rating	Failure result
Specification for Migration of Certain Elements EN 71-3: 2019 + A1:2021	P	
Polycyclic aromatic hydrocarbons (PAH) content by solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS) REACH Regulation (EC) no. 1907/2006 & amendment (EU) no. 1272/2013 Annex XVII Item 50	P	
8028 - Phthalate plasticizers content EN 14372:2005 Reg. (EC) 1907/2006 REACH annex XVII Items 51 (& 52 if applicable)	P	
8051 - SCCPSs Short chain chlorinated paraffins C10-C13	P	
INTERTEK IHTM Based on ISO 18219:2015Reg. (EU) 2019/1021 (POP)		
Organotin Content by Tin Screening CPSC-CH-E1003-09 (modified) Reg. (EC) 1907/2006 REACH annex XVII Item 20	P	
Cadmium Content CPSC-CH-E1003-08.1 Reg. (EC) 1907/2006 REACH annex XVII Item 23	P	

P = MEETS REQUIREMENT / A = ACCEPTABLE / F = DOES NOT MEET REQUIREMENT / NR = NO REQUIREMENT / SC = STILL CONTINUES / X = NOT PERFORMED
Values in brackets represent the limits

LAB N° 0579 L

TEST METHOD	SAMPLE DESCRIPTION	PARAMETERS	RESULT	U.M.	LIMITS	LQ	NOTES	LAB	
Specification for Migration of Certain Elements EN 71-3: 2019 + A1:2021	01 SAMPLE DESCRIPTION: WHITE POWDER (NATURESIN)	EN 71-3:2019 + A1:2021 - Category 1 (dry, brittle, powder like or pliable material)	Alluminium	< 5	mg/kg	2250	5	ITA	
			7429-90-5						
			Antimony	< 1	mg/kg	45	1	ITA	
			7440-36-0						
			Arsenic	< 0,2	mg/kg	3,8	0,2	ITA	
			7440-38-2						
			Barium	< 5	mg/kg	1500	5	ITA	
			7440-39-3						
			Boron	< 5	mg/kg	1200	5	ITA	
			7440-42-8						
			Cadmium	< 0,1	mg/kg	1,3	0,1	ITA	
			7440-43-9						
			Chromium III	< 1	mg/kg	37,5	1	ITA	
			16065-83-1						
			Chromium VI	< 0,02	mg/kg	0,02	0,02	*	ITA
			18540-29-9						
			Cobalt	< 1	mg/kg	10,5	1	ITA	
			7440-48-4						
			Copper	< 5	mg/kg	622,5	5	ITA	
			7440-50-8						
Lead	< 0,2	mg/kg	2,0	0,2	ITA				
7439-92-1									
Manganese	< 5	mg/kg	1200	5	ITA				
7439-96-5									
Mercury	< 0,5	mg/kg	7,5	0,5	ITA				
7439-97-6									
Nickel	< 5	mg/kg	75	5	ITA				
7440-02-0									
Selenium	< 1	mg/kg	37,5	1	ITA				
7782-49-2									
Strontium	617	mg/kg	4500	5	ITA				
7440-24-6									
Tin	< 0,2	mg/kg	15000	0,2	ITA				
7440-31-5									
Zinc	< 5	mg/kg	3750	5	ITA				
7440-66-6									
Organic Tin	< 0,5	mg/kg	0,9	0,5	#tin *	ITA			
Polycyclic aromatic hydrocarbons (PAH) content by solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS) REACH Regulation (EC) no. 1907/2006 & amendment (EU) no. 1272/2013 Annex XVII Item 50	01 SAMPLE DESCRIPTION: WHITE POWDER (NATURESIN)		Benzo[a]pyrene	< 0,1	mg/kg	0,5	0,1	*	ITA
			50-32-8						
			Benzo[e]pyrene	< 0,1	mg/kg	0,5	0,1	*	ITA
			192-97-2						



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TEST METHOD	SAMPLE DESCRIPTION	PARAMETERS	RESULT	U.M.	LIMITS	LQ	NOTES	LAB
		Benzo[a]anthracene 56-55-3	< 0,1	mg/kg	0,5	0,1	*	ITA
		Chrysene 218-01-9	< 0,1	mg/kg	0,5	0,1	*	ITA
		Benzo[b]fluoranthene 205-99-2	< 0,1	mg/kg	0,5	0,1	*	ITA
		Benzo[j]fluoranthene 205-82-3	< 0,1	mg/kg	0,5	0,1	*	ITA
		Benzo[k]fluoranthene 207-08-9	< 0,1	mg/kg	0,5	0,1	*	ITA
		Dibenzo[a,h]anthracene 53-70-3	< 0,1	mg/kg	0,5	0,1	*	ITA
8028 - Phthalate plasticizers content EN 14372:2005 Reg. (EC) 1907/2006 REACH annex XVII Items 51 (& 52 if applicable)	01 SAMPLE DESCRIPTION: WHITE POWDER (NATURESIN)	DBP-Di-butyl phthalate 84-74-2	< 0,003	%	0,1	0,003	11	ITA
		BBP-Butyl benzyl phthalate 85-68-7	< 0,003	%	0,1	0,003	11	ITA
		DEHP-Di-(2-ethylhexyl) phthalate 117-81-7	< 0,003	%	0,1	0,003	11	ITA
		DIBP-Di-(Iso-Butyl) Phthalate 84-69-5	< 0,003	%	0,1	0,003	11 *	ITA
		DNOP-Di-n-octyl phthalate 117-84-0	< 0,003	%	0,1	0,003	11	ITA
		DINP-Di-isononyl phthalate 28553-12-0	< 0,003	%	0,1	0,003	11	ITA
		DIDP-Di-isodecyl phthalate 26761-40-0	< 0,003	%	0,1	0,003	11	ITA
		DEHP+DBP+BBP+DIBP	N.R.	%	0,1 ⁽¹⁾		11 *	ITA
		DNOP + DINP+ DIDP	N.R.	%	0,1 ⁽²⁾		11 *	ITA



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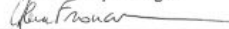
Validated by: Giovanni Servadei

TEST METHOD	SAMPLE DESCRIPTION	PARAMETERS	RESULT	U.M.	LIMITS	LQ	NOTES	LAB
8051 - SCCPs Short chain chlorinated paraffins C10-C13 INTERTEK IHTM Based on ISO 18219:2015Reg. (EU) 2019/1021 (POP) <u>Operating Conditions.</u> By High Performance Liquid Chromatography&Mass Spectroscopy (LC-MS-MS) Analysis	01 SAMPLE DESCRIPTION: WHITE POWDER (NATURESIN)	Short-chained chlorinated paraffins (C10-C13)	< 0,01	% (w/w)	0,15	0,01	*	ITA



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Laboratory Manager



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TEST METHOD	SAMPLE DESCRIPTION	PARAMETERS	RESULT	U.M.	LIMITS	LQ	NOTES	LAB
Organotin Content by Tin Screening CPSC-CH-E1003-09 (modified) Reg. (EC) 1907/2006 REACH annex XVII Item 20	01 SAMPLE DESCRIPTION: WHITE POWDER (NATURESIN)	Tin 7440-31-5	< 0,002	%	0,1	0,002	*	ITA
Cadmium Content CPSC-CH-E1003-08.1 Reg. (EC) 1907/2006 REACH annex XVII Item 23	01 SAMPLE DESCRIPTION: WHITE POWDER (NATURESIN)	Cadmium 7440-43-9	< 0,00025	%	0,1 ⁽³⁾	0,00025	*	ITA

References

- ⁽¹⁾ PHTHALATES CONTENT REQUIREMENT IN ANNEX XVII ITEM 51 OF THE REACH REGULATION (EC) NO. 1907/2006
⁽²⁾ PHTHALATES CONTENT REQUIREMENT IN ANNEX XVII ITEM 52 OF THE REACH REGULATION (EC) NO. 1907/2006
⁽³⁾ CADMIUM CONTENT REQUIREMENT IN ANNEX XVII ITEM 23 OF THE REACH REGULATION (EC) NO. 1907/2006 (FORMERLY KNOWN AS DIRECTIVE 91/338/EEC)

Test performed by:

ITA: Intertek Italia S.p.a.

Via di Stagno 17 F/G

50055 Lastra a Signa (FI)

Tests marked with star (*) haven't been Accredia accredited.

Notes

#tin = Organotin result is calculated using a 2,44 times factor based on the Tin result.

" = The result expressed as "%" is to be intended as weight of analyte on the weight of the sample.



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 LQ:Quantification Limit

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END OF TEST REPORT



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