

TEST REPORT

Report No.: R3XMTN1-200306-01742E

Date: March 12, 2020

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Summary of Test Result:

TEST REQUEST

CONCLUSION

A Product Safety Commission(AfPS),GS specification, Specification in accordance with § 21 section 1 No.3 ProdSG(Dated August 4, 2014)-Polycyclic Aromatic Hydrocarbon (PAHs) Content

Pass

B Entry 50 of Annex XVII to Reach regulation (EC) No 1907/2006 and its amendment Commission Regulation (EU) No 1272/2013 & (EU) 2015/326 on PAHs content (formerly known as 2005/69/EC)

Pass

C Entry 51&52 of Annex XVII to Reach regulation (EC) No 1907/2006 and its amendment Commission Regulation (EU) 2015/326 on Phthalates content (formerly known as 2005/84/EC)

Pass

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A Product Safety Commission(AFPS),GS specification. Specification in accordance with § 21 section 1 No.3 ProdSG(Dated August 4, 2014)-Polycyclic Aromatic Hydrocarbon(PAHs) Content

Test method: AfPS GS 2014:01 PAK

Item	Unit	RL	Result	Limit (Category 3*)
			(1)	
Naphthalene(NAP)	mg/Kg	0.2	N.D.	< 10.0
Acenaphthylene(ANY)	mg/Kg	0.2	N.D.	-
Acenaphthene (ANA)	mg/Kg	0.2	N.D.	-
Fluorene (FLU)	mg/Kg	0.2	N.D.	-
Phenanthrene (PHE)	mg/Kg	0.2	N.D.	-
Anthracene(ANT)	mg/Kg	0.2	N.D.	-
Fluoranthene (FLT)	mg/Kg	0.2	N.D.	-
Pyrene (PYR)	mg/Kg	0.2	N.D.	-
Benzo[a]anthracene(BaA)	mg/Kg	0.2	N.D.	<1.0
Chrysene(CHR)	mg/Kg	0.2	N.D.	<1.0
Benzo[b]fluoranthene (BbFA)	mg/Kg	0.2	N.D.	<1.0
Benzo[j]fluoranthene (BjFA)	mg/Kg	0.2	N.D.	<1.0
Benzo[k]fluoranthene (BkFA)	mg/Kg	0.2	N.D.	<1.0
Benzo[e]pyrene (BeP)	mg/Kg	0.2	N.D.	<1.0
Benzo[a]pyrene (BaP)	mg/Kg	0.2	N.D.	<1.0
Indeno[1,2,3-c,d]pyrene (IPY)	mg/Kg	0.2	N.D.	<1.0
Dibenzo[a,h]anthracene (DBA)	mg/Kg	0.2	N.D.	<1.0
Benzo[g,h,i]perylene (BPE)	mg/Kg	0.2	N.D.	<1.0
sum of ANY,BbFA,ANA,NAP,BkFA,ANT, BeP,BjFA,BPE,DBA,CHR,PYR,FL T,IPY,FLU,BaP,BaA,PHE	mg/Kg	-	N.D.	< 50.0
sum of ANT,FLU,PYR,FLT,ANA,ANY,PH E	mg/Kg	-	N.D.	< 50.0
Conclusion	/	/	Pass	/

B Entry 50 of Annex XVII to Reach regulation (EC) No 1907/2006 and its amendment Commission Regulation (EU) No 1272/2013 & (EU) 2015/326 on PAHs content(formerly known as 2005/69/EC)

Test method: ISO/TS 16190: 2013

Item	Unit	RL	Result	Limit (Category 2)
			(1)	
Benzo[a]anthracene(BaA)	mg/Kg	0.2	N.D.	1.0
Chrysene(CHR)	mg/Kg	0.2	N.D.	1.0
Benzo[b]fluoranthene (BbFA)	mg/Kg	0.2	N.D.	1.0
Benzo[j]fluoranthene (BjFA)	mg/Kg	0.2	N.D.	1.0
Benzo[k]fluoranthene (BkFA)	mg/Kg	0.2	N.D.	1.0
Benzo[e]pyrene (BeP)	mg/Kg	0.2	N.D.	1.0
Dibenzo[a,h]anthracene (DBA)	mg/Kg	0.2	N.D.	1.0
Benzo[a]pyrene (BaP)	mg/Kg	0.2	N.D.	1.0
Conclusion	/	/	Pass	/

B Entry 50 of Annex XVII to Reach regulation (EC) No 1907/2006 and its amendment Commission Regulation (EU) No 1272/2013 & (EU) 2015/326 on PAHs content (formerly known as 2005/69/EC)

Test method: ISO/TS 16190: 2013

Item	Unit	RL	Result	Limit
			(1)	(Category 2)
Benzo[a]anthracene(BaA)	mg/Kg	0.2	N.D.	1.0
Chrysene(CHR)	mg/Kg	0.2	N.D.	1.0
Benzo[b]fluoranthene (BbFA)	mg/Kg	0.2	N.D.	1.0
Benzo[j]fluoranthene (BjFA)	mg/Kg	0.2	N.D.	1.0
Benzo[k]fluoranthene (BkFA)	mg/Kg	0.2	N.D.	1.0
Benzo[e]pyrene (BeP)	mg/Kg	0.2	N.D.	1.0
Dibenzo[a,h]anthracene (DBA)	mg/Kg	0.2	N.D.	1.0
Benzo[a]pyrene (BaP)	mg/Kg	0.2	N.D.	1.0
Conclusion	/	/	Pass	/

Note:

- N.D. = Not Detected or less than RL
- RL = Report Limit
- mg/kg = ppm
- - = Not Regulated
- The results less than RL are not taken into account while calculating the sum contents.

