

출력일자 : 2020년 02월 20일

수입식품등 검사결과

수입 신고인 (수입 화주)	상 호	(주)레인보우엔터테인먼트코리아	대표자	이병구
	주 소	서울특별시 서초구 강남대로39길 15-10, 2층 205호 (서초동, 한라비발디스튜디오)		
접수번호	202000055987		접수일자	2020년 02월 10일
제 품 명	POLICOSANOL SUGAR CANE WAX ALCOHOL		제품한글명	폴리코사놀사탕수수왁스알코올
검사종류	무작위표본		제품유형	개별전정형진장기능식품
의뢰기관	서울청 수입관리과			
의뢰번호	202000055987			
검사기관	한국식품산업협회 부설 한국식품과학연구원			
판 정	적합			

적용 기준 및 규격

시험·검사 항목명	규격	결과	판정	비고
총 지방족 알코올	900.0 이상	982.9	적합	
1-테트라코사놀	0.1 이상 20.0 이하	0.3	적합	
1-헥사코사놀	30.0 이상 100.0 이하	38.7	적합	
1-heptacosanol	1.0 이상 30.0 이하	8.6	적합	
1-nonacosanol	1.0 이상 20.0 이하	5.9	적합	
1-triacontanol	100.0 이상 150.0 이하	139.4	적합	
납	1.0 이하	0.2	적합	
중 비소	1.0 이하	0.0	적합	
카드뮴	0.5 이하	0.0	적합	
중 수은	0.5 이하	0.0	적합	제조일자 2019.4.10 / 유통기한 2024.4.1
대장균군	음성	음성	적합	
아세트	0.03 이하	0.02	적합	
백산	0.005 이하	0.001	적합	

시험·검사 항목명	규격	결과	판정	비고
1-dotriacontanol	50.0 이상 100.0 이하	78.4	적합	
옥타코사놀	600.0 이상 700.0 이하	691.7	적합	
지방알코올	1.0 이상 50.0 이하	19.8	적합	
성상	흰색(황색이 도는 흰색)의 미정결분말	적합	적합	

이 검사결과는 검사 의뢰된 검체에 한한 것으로, 검사결과를 허위·과대 표시·광고나 비방의 목적으로 사용하여서는 아니되며, 표시·광고에 사용하고자 할 경우에는 검사결과 전체 내용을 사실대로 표시·광고하여야 합니다.

2020년 02월 19일

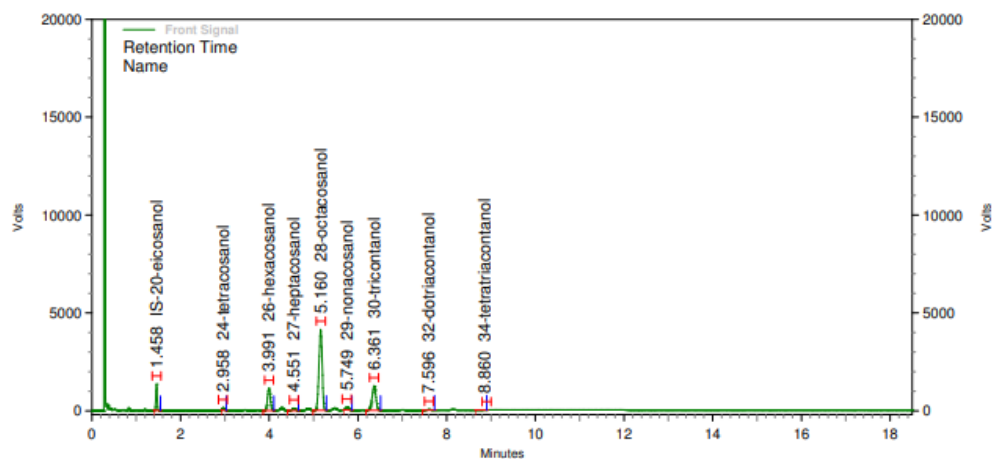
한국식품산업협회 부설 한국식품과학연구원장

	sugarcane, 60%,Xian natural	sugarcane, 70%,Xian realin	ricebran, 98%,Shanxi
Sample ID	11-22481	11-22483	11-22487
Manufacturer	Xian Natural	Xian Realin	Shanxi
Source	Surga cane	Surga cane	Rice Bran
Total wax alcohol(mg/g) in the label	600	700	980
1-tetracosanol(mg/g)	7.37	56.76	0.11
1-hexacosanol(mg/g)	89.12	95.17	5.51
1-heptacosanol(mg/g)	9.56	1.72	5.81
1-octacosanol(mg/g)	356	69.22	492.12
1-nonacosanol(mg/g)	12.06	8.74	1.83
1-triacontanol(mg/g)	132.73	236.99	12.63
1-dotriacontanol(mg/g)	3.08	74.26	not detected
1-tetratriacontanol(mg/g)	0.1	49.93	not detected
Total wax alcohol(mg/g)	610.03	592.79	518.02
Lead(mg/g)	not detected	not detected	not detected
Total Arsenic(mg/g)	not detected	not detected	not detected
cadmium(mg/g)	not detected	not detected	not detected
Total Mercury(mg/g)	not detected	not detected	not detected
Acetone(g/kg)	not detected	not detected	not detected
Hexane(g/kg)	0.0029	0.0049	0.0009
Coliforms	negative	negative	negative

Korea Advanced Food Research Institute		 KAFRI	
50, Botdeul-ro, Uiwang-si, Gyeonggi-do, Republic of Korea TEL : 82-2-3470-8200 FAX : 82-2-523-2072 http://www.kafri.or.kr			
Certificate of Laboratory Testing(Reference)			
Receipt No.	2021-11-022481	Date of Receipt	2021.11.26
Product Name	Policosanol-Sugar cane wax alcohol 60 XN SAMPLE		
Client Company Name	RAINBOW AND NATURE KOREA CO., LTD		
Client Address	205, Hanravidal Bldg, 15-10, Gangnam-daero 39-gil, Seocho-gu, Seoul, Korea		
Client Name	LEE BYONG KU	Client Tel / Fax	02-3473-2371
Lot No.		Date of Manufacture / Expiration Date	/
Test Purpose	For confirmation(in company)	Date of Issue	2021.12.22
Test Items and Results 1-Hexacosanol(mg/g).....89.12 1-Heptacosanol(mg/g).....9.56 1-Octacosanol(mg/g).....356.00 1-Tetracosanol(mg/g).....7.37 1-Nonacosanol(mg/g).....12.06 1-Triacontanol(mg/g).....132.73 1-dotriacontanol(mg/g).....3.08 1-Tetracontanol(mg/g).....0.10 Total Wax Alcohols(mg/g).....610.03 Lead(mg/kg).....Not Detected Total Arsenic(mg/kg).....Not Detected Cadmium(mg/kg).....Not Detected Total Mercury(mg/kg).....Not Detected Acetone(mg/kg).....Not Detected Hexane(mg/kg).....0.0029 Coliforms.....Negative * The above test items and results complied with the test method notified by MFDS. * Policosanol test items and results complied with the test method notified by Certificate of Functional Ingredient For Health/Functional Food No.2006-4			
Note: 1. The above merchandise was submitted and identified by the client. 2. The results shown in this report refer only to sample tested and it does not cover the quality of all products. 3. No one can use this report for the purpose of test, advertisement and litigation without KAFRI's consent. 4. This report has no legal effect. 5. This report is not related to KS Q ISO/IEC 17025 and KOLAS Accreditation. This certificate does not comply with the Act on Testing and inspection of Food and Drugs of Ministry of Food and Drug Safe.			
Lee kyoung bok ----- Testing Personnel		 ----- Testing Manager	
Korea Advanced Food Research Institute			

Korea Advanced Food Research Institute

Data File: C:\Projects\Functional Food\Result\policosanol\2021\1208.rslt\012.dat
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 Sample Id: 11-22481
 Operator: kafri169



Front Signal Results

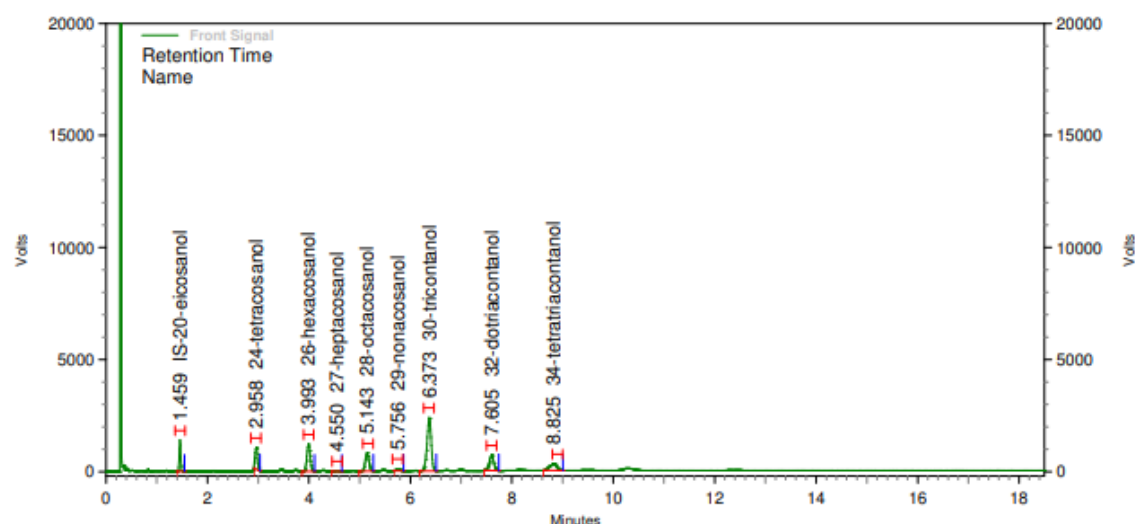
Name	Retention Time	Area
IS-20-eicosanol	1.458	21035640
24-tetracosanol	2.958	3245008
26-hexacosanol	3.991	38446905
27-heptacosanol	4.551	4336396
28-octacosanol	5.160	162442308
29-nonacosanol	5.749	5502512
30-tricontanol	6.361	58348677
32-dotriacontanol	7.596	1354444
34-tetratriacontanol	8.860	46077

Totals		294757967
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50, Botdeul-ro, Uiwang-si, Gyeonggi-do, Republic of Korea TEL : 82-2-3470-8200 FAX : 82-2-523-2072 http://www.kafri.or.kr			
Certificate of Laboratory Testing(Reference)			
Receipt No.	2021-11-022483	Date of Receipt	2021.11.26
Product Name	Policosanol-Sugar cane wax alcohol 70 XR SAMPLE		
Client Company Name	RAINBOW AND NATURE KOREA CO., LTD		
Client Address	205, Hanravalldi Bldg, 15-10, Gangnam-daero 39-gil, Seocho-gu, Seoul, Korea		
Client Name	LEE BYONG KU	Client Tel / Fax	02-3473-2371
Lot No.		Date of Manufacture / Expiration Date	/
Test Purpose	For confirmation(in company)	Date of Issue	2021.12.22
Test Items and Results 1-Hexacosanol(mg/g).....95.17 1-Heptacosanol(mg/g).....1.72 1-Octacosanol(mg/g).....69.22 1-Tetracosanol(mg/g).....56.76 1-Nonacosanol(mg/g).....8.74 1-Triacontanol(mg/g).....236.99 1-dotriacontanol(mg/g).....74.26 1-Tetratriacontanol(mg/g).....49.93 Total Wax Alcohols(mg/g).....592.79 Lead(mg/kg).....Not Detected Total Arsenic(mg/kg).....Not Detected Cadmium(mg/kg).....Not Detected Total Mercury(mg/kg).....Not Detected Acetone(mg/kg).....Not Detected Hexane(mg/kg).....0.0049 Coliforms.....Negative * The above test items and results complied with the test method notified by MFDS. * Policosanol test items and results complied with the test method notified by Certificate of Functional Ingredient For Health/Functional Food No.2006-4			
Note: 1. The above merchandise was submitted and identified by the client. 2. The results shown in this report refer only to sample tested and it does not cover the quality of all products. 3. No one can use this report for the purpose of test, advertisement and litigation without KAFRI's consent. 4. This report has no legal effect. 5. This report is not related to KS Q ISO/IEC 17025 and KOLAS Accreditation. This certificate does not comply with the Act on Testing and inspection of Food and Drugs of Ministry of Food and Drug Safe.			
Lee kyoung bok Testing Personnel		 Testing Manager	
Korea Advanced Food Research Institute			

Korea Advanced Food Research Institute

Data File: C:\Projects\Functional Food\Result\policosanol\2021\1208.rslt\016.dat
 Method: C:\Projects\Functional Food\Method\Policosanol-1.met
 Acquired: 12/8/2021 10:58:34 PM (GMT +09:00)
 Sample Id: 11-22483
 Operator: kafri169



Front Signal Results

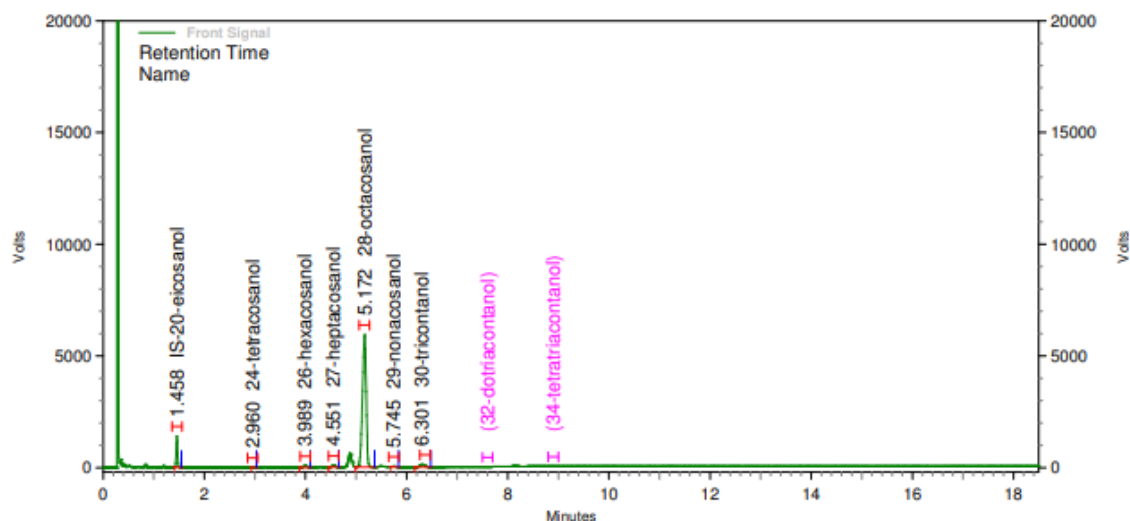
Name	Retention Time	Area
IS-20-eicosanol	1.459	21867381
24-tetracosanol	2.958	25061244
26-hexacosanol	3.993	41166689
27-heptacosanol	4.550	782670
28-octacosanol	5.143	31668026
29-nonacosanol	5.756	3997435
30-tricontanol	6.373	104458491
32-dotriacontanol	7.605	32732900
34-tetratriacontanol	8.825	22008969

Totals		283743805
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50, Botdeul-ro, Uiwang-si, Gyeonggi-do, Republic of Korea TEL : 82-2-3470-8200 FAX : 82-2-523-2072 http://www.kafri.or.kr			
Certificate of Laboratory Testing(Reference)			
Receipt No.	2021-11-022487	Date of Receipt	2021.11.26
Product Name	Policosanol-Sugar cane wax alcohol RB 98S SAMPLE		
Client Company Name	RAINBOW AND NATURE KOREA CO., LTD		
Client Address	205, Hanravivaldi Bldg, 15-10, Gangnam-daero 39-gil, Seocho-gu, Seoul, Korea		
Client Name	LEE BYONG KU	Client Tel / Fax	02-3473-2371
Lot No.		Date of Manufacture / Expiration Date	/
Test Purpose	For confirmation(in company)	Date of Issue	2021.12.22
Test Items and Results 1-Hexacosanol(mg/g).....5.51 1-Heptacosanol(mg/g).....5.81 1-Octacosanol(mg/g).....492.12 1-Tetracosanol(mg/g).....0.11 1-Nonacosanol(mg/g).....1.83 1-Triacontanol(mg/g).....12.63 1-dotriacontanol(mg/g).....Not Detected 1-Tetratriacontanol(mg/g).....Not Detected Total Wax Alcohols(mg/g).....518.02 Lead(mg/kg).....Not Detected Total Arsenic(mg/kg).....Not Detected Cadmium(mg/kg).....Not Detected Total Mercury(mg/kg).....Not Detected Acetone(mg/kg).....Not Detected Hexane(mg/kg).....0.0009 Coliforms.....Negative * The above test items and results complied with the test method notified by MFDS. * Policosanol test items and results complied with the test method notified by Certificate of Functional Ingredient For Health/Functional Food No.2006-4			
Note: 1. The above merchandise was submitted and identified by the client. 2. The results shown in this report refer only to sample tested and it does not cover the quality of all products. 3. No one can use this report for the purpose of test, advertisement and litigation without KAFRI's consent. 4. This report has no legal effect. 5. This report is not related to KS Q ISO/IEC 17025 and KOLAS Accreditation. This certificate does not comply with the Act on Testing and inspection of Food and Drugs of Ministry of Food and Drug Safe.			
Lee Kyung bok ----- Testing Personnel		 ----- Testing Manager	
Korea Advanced Food Research Institute			

Korea Advanced Food Research Institute

Data File: C:\Projects\Functional Food\Result\policosanol\2021\1208.rslt\025.dat
 Method: C:\Projects\Functional Food\Method\Policosanol-1.met
 Acquired: 12/9/2021 2:10:50 AM (GMT +09:00)
 Sample Id: 11-22487
 Operator: kafri169



Front Signal Results

Name	Retention Time	Area
IS-20-eicosanol	1.458	22031541
24-tetracosanol	2.960	51915
26-hexacosanol	3.989	2498662
27-heptacosanol	4.551	2772372
28-octacosanol	5.172	236017055
29-nonacosanol	5.745	878106
30-tricontanol	6.301	5833943

Totals		270083594
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