

Company Name Firma Adı	AVAS KOZMETİK SANAYİ VE TİCARET LİMİTED ŞİRKETİ		
Company Address Firma Adresi	GÖKEVLER MAH. 2331 SK. PASIAD NO. 1 D ESENYURT - İSTANBUL / TÜRKİYE		
Test Name Testin Adı	Genotoxicity Test (ISO 10993-3, In Vitro Micronucleus Test OECD 487		
Test Standard Test Standardı	ISO 10993-3, In Vitro Micronucleus Test OECD 487		
Commercial Brand (If You Have) Ticari Marka (Varsa)	Felix Filler		
Description of the Sample Numunenin Adı ve Tarifi	1 cc Felix Filler Dolgu		
Lot Number Lot Numarası	AVAS012023-1		
Sample Registration Number Numune Kayıt Numarası	FLXFHA/202302	Sample Acceptance Date Numune Kabul Tarihi	09.06.2023
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M E D I C E R T

Test Procedure

The CHO cell line was used to determine genotoxicity by micronucleus test. 50×10^3 cells were seeded into 6-well plates. Sample extract and control groups were studied in 5 replicates: medium alone was used as the blank (control), and mitomycin C was used as the positive control. Extraction of the samples was carried out in accordance with the ISO 10993-12 standard (72 h at 37 °C).

Cells Used	+S9	-S9	-S9	
CHO cell with Cyto B added	<ul style="list-style-type: none"> -In the presence of S9, cells are treated with sample extract for 3 to 6 hours. - The medium treated with the extract is discarded. - Fresh medium and cyto B are added. It is examined after 1.5-2 cell cycles. 	<ul style="list-style-type: none"> - Cells are treated with sample extract for 3 to 6 hours. - The medium treated with the extract is discarded. - Fresh medium and cyto B are added. It is examined after 1,5-2 cell cycles. 	A: <ul style="list-style-type: none"> - Cells are treated with sample extract in the presence of cyto B for 1.5-2 normal cell cycles. - At the end of the period, the cells are examined. 	B: <ul style="list-style-type: none"> - Cells are treated with sample extract for 1.5-2 normal cell cycles. The medium containing the sample extract is discarded. -Fresh medium and cyto B are added. After 1.5-2 normal cell cycles, cells are examined.
CHO Cell without Cyto B	<ul style="list-style-type: none"> -Sample extract is applied for 3 to 6 hours in the presence of S9. The applied extract is discarded and fresh medium is added. It is examined after 1.5-2 cell cycles. 	<ul style="list-style-type: none"> -Sample extract is applied between 3 and 6 hours. - The applied extract is discarded and fresh medium is added. It is examined after 1.5-2 cell cycles. 	<ul style="list-style-type: none"> - Cells are treated with sample extract for 1.5-2 normal cell cycles. - At the end of the period, the cells are examined. 	<ul style="list-style-type: none"> - Cells are treated with sample extract for 1.5-2 normal cell cycles. - The medium containing the sample extract is discarded, fresh medium is added. - Cells are examined after 1.5-2 normal cell cycles

Test Result

The data obtained as a result of 72 hours in vitro evaluation were determined using the Chi-Square test with Spss 15. In the micronucleus test, 1000 cells were counted from each of the control and experimental groups. According to the Chi-Square test with Spss 15;

For 1 cc Felix Filler Dolgu Lot number: AVAS012023-1 sample; Since $P = 0.0 < 0.05$, there is a significant difference in micronucleated cells between the cells treated with the sample extract and the groups treated with the positive control Mytomycin C in the 95% confidence interval.

Responsible for Laboratory
Laboratuvar Sorumlusu

Laboratory Manager
Laboratuvar Müdürü

Sample Acceptance Officer
Numune Kabul Sorumlusu

Vet. Hek. Simge GARLI

Erol ÜSTÜN

Gonca AÇILMIŞ



MEDICERT ULUSLARARASI ÜRÜN VE SİSTEM
BELGELENDİRME BAĞIMSIZ DENETİM
VE EĞİTİM HİZMETLERİ LTD. ŞTİ.
Tersane Mah. Cemal Gürsel Cad. No: 11/3
Halide Hanım Apt. Karşıyaka / İZMİR
Tel: 0232 327 33 44 Fax: 0232 327 33 45
Karşıyaka V.D: 613 073 9815



07.07.2023



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