Subject : **CHEMICAL ANALYSIS-Parabens – qualitative research**
Client **Center for Strategic Research and Develop**
Contract n° **58539**

Center for Strategic Research and Development of Georgia
5a Delisi 1st lane
177 Tbilisi
GÉORGIE

To the attention of: ***Vakhtang Kobaladze***

Test report n° 1108852-1

BIODERMIN REJUVENATING FACIAL COMPLEX "BIODERMIN +40" FACE CREAM

PHARMA COS

Manufacturer	--	Retailer contact	--	Sample n°	**735327**
Batch n°	**09 16 036**	Product reference	--	Provided by	**CENTER STRATEGIC RESEARCH AND DEV. OF GEORGIA**
EAN13	**4810153021595**	Client sample n°	--	Sampling point	--
DLUO	--	Techn. file	--	Picked up/received on	**02/08/2019**
DPAO	**12M**	Specif. date	--	Start of analysis	**30/08/2019**
EMB	**ABSENT**	Client purchase order no.	--	End of analysis	**30/08/2019**

Conclusion

According to the results, methylparaben, ethylparaben, propylparaben and phenoxyethanol are present in this sample.

These products are presents in the annexe V of the Regulation n° 1223/2009 of the european parliament on cosmetic products:
Maximum concentration in ready for use preparation, for methylparaben and ethylparaben: 0,4 % (as acid) for single ester and 0,8 % (as acid) for mixtures of esters.
Maximum concentration in ready for use preparation, for propylparaben: 0,14 % (as acid) for the sum of the individual concentrations, and 0,8 % (as acid) for mixtures, where the sum of the individual concentrations of butyl- and propylparaben and their salts does not exceed 0,14 %.
Maximum concen-trationin ready for use preparation, for phenoxyethanol: 1%

According to the result, paraben analysis results are conform with the regulation (CE) N°1223/2009. Present paraben molecules should be mentioned in the INCI list, except if it's prooved that parabens are unintentionally added in the sample, and that's presence is technically unavoidable.

Signature
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This report is electronically validated.

Test/Method	Unit	Result	Specification
Preservatives (large scale) - LC-UV *Internal (JR0AA) Subcontracted*			
Methylparaben - CAS N°:99-76-3	% (w/w)	**0,05**	
Ethylparaben - CAS N°:120-47-8	% (w/w)	**0,01**	
Propyl paraben - CAS N°:94-13-3	% (w/w)	**0,02**	
Isopropyl paraben - CAS N°:4191-73-5	% (w/w)	**<0,002 (1)**	
Butylparaben - CAS N°:94-26-8	% (w/w)	**<0,002 (1)**	
iso-Butylparaben - CAS N°:4247-02-3	% (w/w)	**<0,002 (1)**	
Pentylparaben - CAS N°:6521-29-5	% (w/w)	**<0,002 (1)**	
Benzyl paraben - CAS N°:94-18-8	% (w/w)	**<0,002 (1)**	
Phenylparaben - CAS N°:17696-62-7	% (w/w)	**<0,002 (1)**	
Potassium Sorbate - CAS N°:24634-61-5	% (w/w)	**<0,01 (1)**	
Sodiumbenzoate - CAS N°:532-32-1	% (w/w)	**<0,01 (1)**	
Phenoxyethanol - CAS N°:122-99-6	% (w/w)	**0,12**	
Dehydroacetic acid - CAS N°:520-45-6	% (w/w)	**<0,005 (1)**	

(1) This value corresponds to the limit of quantification.

Measurement uncertainty on this analysis equals to 15%.