



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

Center for Strategic Research and Development of Georgia
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GÉORGIE

To the attention of: **Vakhtang Kobaladze**

Test report n° 1107575-1

BLACK HENNA HAIR DYE

HERBUL

Manufacturer --	Retailer contact --	Sample n°	735265
Batch n° ABSENT	Product reference --	Provided by	CENTER STRATEGIC RESEARCH AND DEV. OF GEORGIA
EAN13 8694677100044	Client sample n° --	Sampling point	--
DLUO --	Techn. file --	Picked up/received on	02/08/2019
DPAO --	Specif. date --	Start of analysis	27/08/2019
EMB INDIA	Client purchase order no. --	End of analysis	30/08/2019

Conclusion According to the results, potassium sorbate and phenoxyethanol have been detected 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 potassium sorbate: 0,6 %
 Maximum concen-trationin ready for use preparation, for phenoxyethanol: 1%

Preservative's analysis results are conform with the regulation (CE) N°1223/2009. Present's paraben molecules should be mentioned in the INCI list, except if it's proved that parabens are unintentionally added in the sample, and their 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 (JROAA) Subcontracted			
Methylparaben - CAS N°:99-76-3	% (w/w)	<0,0015 (1)	
Ethylparaben - CAS N°:120-47-8	% (w/w)	<0,0015 (1)	
Propyl paraben - CAS N°:94-13-3	% (w/w)	<0,002 (1)	
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)	0,34	
Sodiumbenzoate - CAS N°:532-32-1	% (w/w)	<0,01 (1)	
Phenoxyethanol - CAS N°:122-99-6	% (w/w)	0,56	
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 is 15%.

These results concern only the sample tested in the laboratory which is defined here after. Except specific case, the sample will be kept in our premises during 2 months from the date above mentioned. The sample and the information regarding sample have been provided by the client. All information related to the sample are under liability of the client and have not been checked by the Eurofins ATS company. The hereby report is not aimed to give a conformity to the present legislation. It only refers to qualitative and quantitative criteria which allow to declare the conformity to specifications of the reference file when this one has been provided by the customer. The result is declared not conform when, in spite of taking into account the measurement uncertainty at a 95 % trust level (if available), the value found cannot be included in the specification interval and/or be inferior to the regulatory limit. In the contrary case, it is declared conform. The copy of this report is only authorized by unabridged edition.