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CERTIFICATE OF ANALYSIS

Product Name	Boston Amber
Product Code	AL00140
Scope of Analysis	1. Sensory analysis 2. Microbiological analysis 3. Physico-chemical analysis
Analysis Date	06/2024

1. SENSORY ANALYSIS

The tested sample is a bottle made of polymeric material, cylindrical, of regular shape. The surface is homogeneous and smooth, with no visible cracks or stains; the edges are rounded and regular. The packaging does not emit any odor that could adversely affect the organoleptic properties of the product.

*Applied methods: UPI. 9.006**

Statement of Compliance

The tested parameters are in compliance with the requirements of the regulation listed below:

- Regulation on conditions for the health safety of general-use items placed on the market ("Sl.list SFRJ", No. 26/1983, 61/1984, 56/1986, 50/1989, 18/1991 and "Sl. Glasnik RS" No. 60/2019 - dr. Regulation and No. 78/2019 - dr. Regulation).

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2. MICROBIOLOGICAL ANALYSIS

Parameter	Meas. Unit	Applied Technique	Ref. Value	Results
Isolation and identification of Salmonella spp.	cfu/cm^2	SRPS EN ISO 6579 : 2017 Without annex D	Absent	Absent
Detection of coagulase-positive staphylococci	cfu/cm^2	SRPS EN ISO 6888-3 : 2009	Absent	Absent
Determination of the number of sulfite-reducing bacteria that grow under anaerobic conditions	cfu/cm^2	SRPS ISO 15213 : 2011	0	< 1
Proteus spp.	cfu/cm^2	UPI.1.161.28	Absent	Absent
Detection of Escherichia coli	cfu/cm^2	ISO 7251 : 2005	Absent	Absent
Determination of the number of microorganisms	cfu/cm^2	SRPS EN ISO 4833-1 : 2014	10	< 1

Statement of Compliance

Results of tested parameters are in compliance with the requirements of the regulations listed below:

- Regulation on conditions for the health safety of general-use items placed on the market ("Official Gazette of the SFRY", No. 26/83, 61/84, 56/86, 50/89, 18/91 and 60/2019 - dr. Regulation, Art. 6).

The statement of compliance is made based on the Rule of Decision 1 - Binary Rule of Shared Risk without Protective Scope Case 1.

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3. PHYSICO-CHEMICAL ANALYSIS

Parameter	Applied Method	Technique	Ref. Value	Results	Expanded measurement uncertainty	Meas. Unit
Determining color stability in a model solution	UPI.9.006	Visual	/		/	
Determination of total low molecular weight organic and inorganic substances	UPI.9.023	Gravimetry	max 10	**2,41**	0,95	mg/dm2
Determination of aromatic properties	UPI.9.006	Organoleptic	/		/	
Determination of released heavy metal content in a model solution						
Lead content (Pb)	UPI.9.002	ICP - OES	max 0,5	**< 0,50**	/	mg/l
Cadmium content (Cd)	UPI.9.002	ICP - OES	max 0,05	**< 0,05**	/	mg/l
Zinc content (Zn)	UPI.9.002	ICP - OES	max 50	**< 0,50**	/	mg/l
Tin content (Sn)	UPI.9.002	ICP - OES	max 10	**< 0,50**	/	mg/l
Arsenic content (As)	UPI.9.002	ICP - OES	max 0,1	**< 0,10**	/	mg/l
Barium content (Ba)	UPI.9.002	ICP - OES	max 0,5	**< 0,50**	/	mg/l
Chromium content (Cr)	UPI.9.002	ICP - OES	max 0,1	**< 0,10**	/	mg/l
Molybdenum content (Mo)	UPI.9.002	ICP - OES	max 0,1	**< 0,10**	/	mg/l
Selenium content (Se)	UPI.9.002	ICP - OES	max 0,5	**< 0,50**	/	mg/l
Cobalt content (Co)	UPI.9.002	ICP - OES	max 5,0	**< 0,50**	/	mg/l
Mercury content (Hg)	UPI.9.002	AAS	max 0,01	**< 0,01**	/	mg/l
Phthalate content						
Di-metil ftalat (DMP)	UPI.9.029	GC/MS	/	**< 0,05**	/	%w/w
Di-etil ftalat (DEP)	UPI.9.029	GC/MS	/	**< 0,05**	/	%w/w
Di-n-butil ftalat (DBP)	UPI.9.029	GC/MS	/	**< 0,05**	/	%w/w
Butil-benzil ftalat (BBP)	UPI.9.029	GC/MS	/	**< 0,05**	/	%w/w
Di-(2-etilheksil) ftalat (DEHP)	UPI.9.029	GC/MS	/	**< 0,05**	/	%w/w
Di-n-oktil ftalat (DnOP)	UPI.9.029	GC/MS	/	**< 0,05**	/	%w/w

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Statement of Compliance

The results of the tested parameters are in compliance with the requirements of the regulations listed below:

Regulation on the conditions for the health safety of general-use items placed on the market ("Sl.list SFRJ", No. 26/1983, 61/1984, 56/1986, 50/1989, 18/1991 and "Sl. Glasnik RS" No. 60/2019 - dr. Regulation and No. 78/2019 - dr. Regulation, Art. 44, Art. 61).

The statement of compliance is made based on the Rule of Decision 1 - Binary Rule of Shared Risk without Protective Scope Case 1.

SUMMARY

Based on the results of laboratory testing and expert consideration, it is assessed that the sample: **BOSTON AMBER** meets the tested parameters.

CORRESPONDS

with the regulations of the Law on General-Use Items ("Sl.glasnik RS", No. 25/2019 and No. 14/2022), and meets the conditions prescribed by the relevant regulations.

Regulation on the conditions for the health safety of general-use items placed on the market ("Sl.list SFRJ", No. 26/1983, 61/1984, 56/1986, 50/1989, 18/1991 and "Sl. Glasnik RS" No. 60/2019 - dr. Regulation and No. 78/2019 - dr. Regulation, Art. 44, Art. 61).

Regulation on the conditions for the health safety of general-use items placed on the market ("Sl.list SFRJ", No. 26/83, 61/84, 56/86, 50/89, 18/91 and 60/2019 - dr. Regulation, Art. 6).