

CERTIFICATE OF ANALYSIS

Product Name	Boston Black
Product Code	AL00141
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 <i>Salmonella</i> 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
<i>Proteus</i> spp.	cfu/cm ²	UPI.1.161.28	Absent	Absent
Detection of <i>Escherichia coli</i>	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/dm ²
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

Disclaimer: The details provided here are specific to the identified material and may not remain accurate if that material is combined with other substances or used in different processes. The information presented is, to the best of the company's knowledge, considered precise and trustworthy as of the date mentioned. However, the company does not make any explicit or implied assurance, guarantee, or claim regarding the information's precision, trustworthiness, or comprehensiveness, and will not be held accountable for any losses, damages, or costs, whether direct or indirect, that arise from its use. Users are encouraged to independently verify the appropriateness and thoroughness of this information for their specific purposes.

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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 BLACK** 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).

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