



DÜZEN NORWEST

ÇEVRE, GIDA VE VETERİNER SAĞLIK HİZMETLERİ EĞİTİM DANIŞMANLIK TİCARET A.Ş.
Büyükesat Mh. Kaptanpaşa Sk. No: 2/1-2 06700 G.O.P. - ANKARA
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ANALYSIS REPORT

SAMPLE: TABLET SALT SAMPLE(*) (CHEMICAL ANALYSIS)

CUSTOMER INFORMATION

REPORT NO: DG-10899-1	Reporting Date: 28.09.2018
Customer Name: SAFİR TUZ GIDA MAD. PAZ. NAKL. İNŞ. İTH. İHR. SAN. VE TİC. LTD. ŞTİ.	Customer Address: ANKARA KARA YOLU 4. KM ÇANKIRI MERKEZ/ÇANKIRI
Correspond to: ÖNDER ÜLGEN	Tel/Fax: (0 376) 218 12 41/ (0 376) 218 12 42

SAMPLE INFORMATION

Register Number	Package	Sampling Date	Place	Arrival to Laboratory	Date of Performance of Analysis	End of Analysis Date
DG-10899	SAMPLE BAG X 1	12.09.2018	-	12.09.2018	12.09.2018	28.09.2018

TABLET SALT SAMPLE; was sampled by responsible person and sent to the laboratory without thermal protection at 13:18 o'clock. By the customer request, sample was analyzed as private request. This report has been prepared as 5 original copies. This report is the English version of the original report coded as DG-10899.

(*) Sample identification was expressed according to the customer statement.

PARAMETER	UNIT	ANALYSIS RESULTS	LIMIT VALUES ⁽¹⁾
Hardness	GH°	0,6	Max 0,6
Phosphates (PO ₄)	mg/kg	< 25	Max 25
Sulfate	mg/kg	< 200	Max 200
Calcium (Ca)	mg/kg	78	*
Magnesium (Mg)	mg/kg	< 14 ⁽²⁾	*
Arsenic (As)	mg/kg	< 0,07 ⁽²⁾	Max 1
Cadmium (Cd)	mg/kg	< 0,05 ⁽²⁾	Max 0,5
Chromium (Cr)	mg/kg	< 0,08 ⁽²⁾	*
Mercury (Hg)	mg/kg	< 0,05 ⁽²⁾	Max 0,1
Nickel (Ni)	mg/kg	< 0,06 ⁽²⁾	*
Lead (Pb)	mg/kg	< 0,08 ⁽²⁾	Max 2,0

(1) TS 933 April 2003 Edible Salt, European Pharmacopoeia 8.0 Sodium Chloride

(2) MDL Method Detection Limit

Explanation: For there is no defined maximum values for the parameters that are marked with "*" in the related Standard, Regulation and European Pharmacopoeia, these parameters cannot be evaluated. Results of the sample were found in the allowable limits for other parameters.

Executive and Technical Manager

GÜLVEREN TAŞKIN P.P.
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PARAMETER	UNIT	ANALYSIS RESULTS	LIMIT VALUES ⁽¹⁾
Antimony (Sb)	mg/kg	< 0,06 ⁽²⁾	*
Selenium (Se)	mg/kg	< 0,06 ⁽²⁾	*
Iron (Fe)	mg/kg	2,27	*
Potassium (K)	mg/kg	< 15 ⁽²⁾	Max 500
Bromide (Br)	mg/kg	< 100 ⁽²⁾	Max 100
Aluminum (Al)	mg/kg	0,75	*
Barium (Ba)	mg/kg	< 0,07 ⁽²⁾	*
Copper (Cu)	mg/kg	< 0,08 ⁽²⁾	Max 2
Acidity/Alkalinity	mL 0,01 M NaOH	0,3	Max 0,5
Transmissivity	%T	99,7	*
Loss on Drying	%	Not detected	Max 0,5
Water Insoluble Solids	%	Not detected	Max 0,5
Acid Insoluble Solids	%	Not detected	Max 0,5
Sodium Chloride	(% Dry Matter)	99,8	Min 98

(1) TS 933 April 2003 Edible Salt, European Pharmacopoeia 8.0 Sodium Chloride

(2)MDL Method Detection Limit

Explanation: For there is no defined maximum values for the parameters that are marked with "*" in the related Standard, Regulation and European Pharmacopoeia, these parameters cannot be evaluated. Results of the sample were found in the allowable limits for other parameters.

Transmissivity analysis, was made by the procedure which was declared by costumer (3 g sample was solubilized in 10 mL water, floated and analyzed by spectrophotometer at 500 nm against water as % T).

ANALYSIS REPORT

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Methods;

Parameter	Method	Reference
Hardness	Titrimetric Method	-
Phosphates (PO ₄), Sulfate, Bromide (Br)	Limit Test	European Pharmacopoeia 8.0
Calcium (Ca), Magnesium (Mg), Potassium (K)	Ion Chromatographic Method	-
Arsenic (As) Mercury (Hg) Selenium (Se)	ICP-OES-Hydride Method After Acidic Dissolution	-
Cadmium (Cd), Chromium (Cr), Nickel (Ni), Lead (Pb), Antimony (Sb), Iron (Fe), Aluminum (Al), Barium (Ba), Copper (Cu)	ICP-OES Method After Acidic Dissolution	-
Acidity/Alkalinity	Titrimetric Method	European Pharmacopoeia 8.0
Transmissivity	Spectrophotometric Method	-
Loss on Drying, Water Insoluble Solids, Acid Insoluble Solids	Gravimetric Method	TS 933 April 2003 Edible Salt
Sodium Chloride	Titrimetric Method	TS 933 April 2003 Edible Salt

NOTE:	1. Testing results given above relate only to the items tested. 2. The report cannot be partly copied and used without the permission of the laboratory. 3. Test reports without signature and stamp are invalid.
Place of Analysis:	Adress: Düzen Norwest Laboratory, Büyükesat Mah. Kaptanpaşa Sok. No:2/2-4 Gaziosmanpaşa / ANKARA e-mail: duzennorwest@duzen.com.tr

Subcontractor Laboratory:	Subcontracting service does not ensured.
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