

## TEST REPORT

Page 1 of 5

**REPORT NUMBER:** TURT230013900  
**APPLICANT NAME** Zeren Metal San.ve Tic.A.Ş.  
**ADDRESS** Merkez Mah.19.Sok.Cihan Metal Blok No:19 Gümüşova/Düzce  
**Attention :** Emel Boyacıođlu (emel.boyacioglu@zerenmetal.com)

### SAMPLE DESCRIPTION

- Sample 1:** One sample of Metal plaque (AA1200 )  
**Sample 2:** One sample of Metal plaque (AA1070) (716)  
**Sample 3:** One sample of Metal plaque (AA8006F) (579-2)

**DATE IN :** 06 February, 2023 (10:41)

**DATE OUT :** 13 February, 2023

**REQUEST :** SVHC Screening Test regarding REACH Regulation (EC) No. 1907/2006 for updated SVHC List of 17 January, 2023

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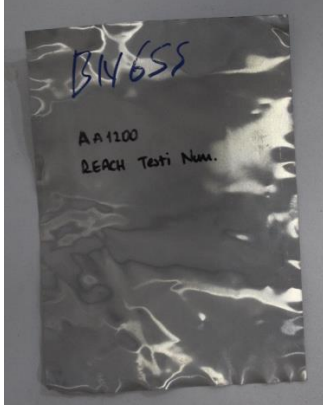


Ezgi Aleyna ARI  
Senior Customer Care Executive

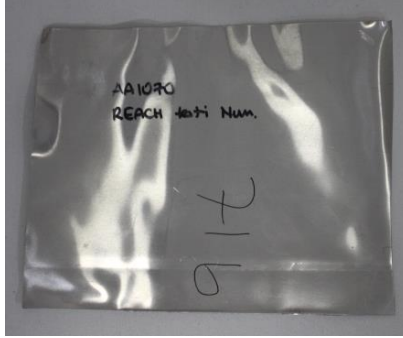


Zeynep AKIN  
Chemical Laboratory Manager

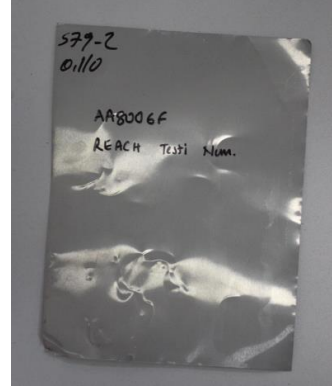
Sample 1



Sample 2



Sample 3



## Tested Components:

CS=Combined Sample

No	Sample	Composite Part of Numbers
1	CS 1	1, 2, 3

REPORT : TURT230013900

13 February, 2023

## TEST RESULTS

### 1- Inorganic Component

No.	Substance	CAS-No.	CS 1
1	Cobalt Dichloride	7646-79-9	ND
2	Diarsenic Pentaoxide	1303-28-2	ND
3	Diarsenic Trioxide	1327-53-3	ND
4	Lead Hydrogen Arsenate	7784-40-9	ND
5	Triethyl Arsenate	15606-95-8	ND
6	Sodium Dichromate	7789-12-0, 10588-01-9	ND
7	Bis (Tributyltin) Oxide (TBTO)	56-35-9	ND
8	Lead Chromate	7758-97-6	ND
9	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104)	12656-85-8	ND
10	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	ND
11	Boric Acid	10043-35-3, 11113-50-1	ND
12	Disodium Tetraborate, Anhydrous	1330-43-4, 12179-04-3, 1303-96-4	ND
13	Tetraboron Disodium Heptaoxide, Hydrate	12267-73-1	ND
14	Sodium Chromate	7775-11-3	ND
15	Potassium Chromate	7789-00-6	ND
16	Ammonium Dichromate	7789-9-5	ND
17	Potassium Dichromate	7778-50-9	ND
18	Cobalt Sulphate	10124-43-3	ND
19	Cobalt Dinitrate	10141-05-6	ND
20	Cobalt Carbonate	513-79-1	ND
21	Cobalt Diacetate	71-48-7	ND
22	Chromium Trioxide	1333-82-0	ND
23	Chromic Acid	7738-94-5	ND
24	Dichromic Acid	13530-68-2	ND
25	Oligomers of Chromic Acid and Dichromic Acid	--	ND
26	Strontium Chromate	7789-6-2	ND
27	Lead dipicrate	6477-64-1	ND
28	Lead styphnate	15245-44-0	ND
29	Lead azide; Lead diazide	13424-46-9	ND
30	Trilead diarsenate	3687-31-8	ND
31	Calcium arsenate	7778-44-1	ND
32	Arsenic acid	7778-39-4	ND
33	Pentazinc chromate octahydroxide	49663-84-5	ND
34	Potassium hydroxyoctaoxidizincate di-chromate	11103-86-9	ND
35	Dichromium tris(chromate)	24613-89-6	ND
36	Aluminosilicate Refractory Ceramic Fibres	(Index No. 650-017-00-8)	ND
37	Zirconia Aluminosilicate Refractory Ceramic Fibres	(Index No. 650-017-00-8)	ND

REPORT : TURT230013900

13 February, 2023

No.	Substance	CAS-No.	CS 1
38	Diboron trioxide	1303-86-2	ND
39	Lead(II) bis(methanesulfonate)	17570-76-2	ND
40	Cadmium	7440-43-9	ND
41	Cadmium oxide	1306-19-0	ND
42	Lead di(acetate)	301-04-2	ND
43	Cadmium sulphide	1306-23-6	ND
44	Cadmium chloride	10108-64-2	ND
45	Cadmium fluoride	7790-79-6	ND
46	Cadmium sulphate	10124-36-4; 31119-53-6	ND
47	Cadmium carbonate	513-78-0	ND
48	Cadmium hydroxide	21041-95-2	ND
49	Cadmium nitrate	10022-68-1, 10325-94-7	ND
50	Lead	7439-92-1	ND
51	Disodium octaborate	12008-41-2	ND
52	Orthoboric acid, sodium salt	13840-56-7	ND
53	Barium diboron tetraoxide	13701-59-2	ND

REPORT : TURT230013900

13 February, 2023

Reporting limit=0.1% (raw material)

SVHC = Substance of very high concern

ND = Not detected (the result is less than the reporting limit)

Reporting limit = Quantitation limit of analyte in sample

Note= Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.

Notes:

1. Substances of very high concern (SVHC) are classified as:
  - a. Carcinogenic, mutagenic or toxic to reproduction category 1 (proven on humans) and category 2 (proven on animals)
  - b. Persistent, bioaccumulative and toxic chemicals (PBT)
  - c. Very persistent and very bioaccumulative chemicals (vPvB)
  - d. Other similar substances such as endocrine disrupters
2. If the imported or manufactured volume of each individual SVHC in article is more than 0.1% (w/w) and if it exceeds 1 tonne per year across all product ranges, then importer or manufacturer require notification to the European Chemical Agency (ECHA). For substances included in the Candidate List on or after 1 December 2010, the notifications have to be submitted no later than 6 months after the inclusion. The following information has to be submitted for notification:
  - a. Identification of the registrant and the substance
  - b. Classification and labelling of the substance
  - c. Description of use of the substance and the article
  - d. Registration number, if available
  - e. Tonnage range
3. As per article 31 of regulation (EC) No. 1907/2006 (REACH), suppliers of mixtures not classified as dangerous according to directive 1999/45/EC have to provide the recipients, at their request, with a safety data sheet if the mixtures contain at least one substance on the SVHC candidate list and its individual concentration is 0.1%(w/w) or above for non-gaseous preparations.

REACH requirement:

As per article 33(1) of regulation (EC) No. 1907/2006 (REACH), recipients of product must be provided with information of safe use if any of the tested substances (SVHC) exceeded 0.1% (w/w). A product meets the requirement of article 33(1) by default when no SVHC exceeds 0.1% (w/w).

## END OF TEST REPORT ##