



Certificate of Analysis

Work Order: TR1701416



To: **Metin Kanar**
Kanaroğlu MadencilikYapı Enerji Loj. Akaryakıt San. Ve Tic. Ltd. Şti.
Cumhuriyet Mah.GMK Bulvarı No:236/3 Yenışehir
İstiklal V.D. 4950620537
Mersin
Türkiye

Date: Oct 26, 2017

P.O. No. : 1. NUMUNE
Project No. : -
No. Of Samples : 1
First Sample : 1. NUMUNE
Last Sample : 1. NUMUNE
Sample Type : RC
Date Submitted : Oct 17, 2017
Report Comprises : Pages 1 to 5
(Inclusive of Cover Sheet)

Distribution of unused material:
Store for 90 Days:

Certified By :

Nazlı Hatipoğlu
Laboratory Manager

Ankara 1. Org. San. Bölgesi,Orhan Işık Cad. No:11 Sincan,Ankara, Turkey, 06935

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	Au	Pt	@Ag	@Al	@As	@Ba	@Be	@Bi	@Ca	@Cd
Method	FAI313	FAI313	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B
Det.Lim.	5	15	2	0.01	3	1	0.5	5	0.01	1
Units	PPB	PPB	PPM	%	PPM	PPM	PPM	PPM	%	PPM
1. NUMUNE	<5	<15	<2	0.91	<3	27	<0.5	<5	0.33	17

Platin

Gümüş

Aluminyum

Arsenik

Baryum

Berilyum

Bismüt

Kalsiyum

Kadmium

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Element	@Co	@Cr	@Cu	@Fe	@K	@La	@Li	@Mg	@Mn	@Mo
Method	ICP40B	ICP40B	ICP40B	ICP40B	ICF40B	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B
DetLim.	1	1	0.5	0.01	0.01	0.5	1	0.01	2	1
Units	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	PPM
1. NUMUNE	58	231	90.8	>15.0	0.06	17.4	9	0.60	1367	<1

Cobalt

Cr

Cu

Fe

Potassium

Lanthan

Lithium

Magnesium

Manganese

Molybdenum

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Element	@Na	@Ni	@P	@Pd	@S	@Sb	@Sc	@Sn	@Sr	@Ti
Method	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B
Det.Lim.	0.01	1	0.01	2	0.01	5	0.5	10	0.5	0.01
Units	%	PPM	%	PPM	%	PPM	PPM	PPM	PPM	%
1. NUMUNE	0.16	82	<0.01	17	0.06	<5	4.4	<10	15.2	0.62

Sodium

Nickel

Phosphorus

Palladium

Sulfur

Antimony

Scandium

Strontium

Titanium

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Element	@V	@W	@Y	@Z1	@Z2
Method	ICP40B	ICP40B	ICP40B	ICP40B	ICP40B
Det.Lim.	2	10	0.5	1	0.5
Units	PPM	PPM	PPM	PPM	PPM
1. NUMUNE	866	<10	24.7	307	31.8

Vanadium

Niobium

Yttrium

Cerium

Zirconium

Description

FA1313 : Au Pt Pd, FAS, ICP-AES, 30g-5ml

ICP40B : @ICP-OES after DIG40B

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