



ORIGINAL

SUBJECT Chemical Test

TEST LOCATION TÜV SÜD China
TÜV SÜD Products Testing (Shanghai) Co., Ltd.
B-3/4, No.1999 Du Hui Road, Minhang District
Shanghai 201108, P.R. China

CLIENT NAME Yantai Donghai Aluminum Foil Co.,Ltd

CLIENT ADDRESS Nanshan Industrial Region, Longkou City, Shandong Province

TEST PERIOD 05-Feb-2016~29-Feb-2016

TEST REQUEST Aluminum alloy composition analysis in accordance with EN 602:2004
Aluminium and aluminium alloys- Wrought products-Chemical composition of
semi-finished products used for the fabrication of articles for use in contact
with foodstuff

Prepared By

(Cynthia Cao)
Customer Service

Authorized By



(Spark Shi)
Technical Manager

Note: (1) General Terms & Conditions as mentioned overleaf. (2) The results relate only to the items tested. (3) The test report shall not be reproduced except in full without the written approval of the laboratory. (4) Without the agreement of the laboratory, the client is not authorized to use the test results for unapproved propaganda. (5) The test result can be used by client for quality control

Chemical/Microbiology Laboratory:
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RECEIPT DATE / TEST DATE

05-Feb-2016/ 05-Feb-2016

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED
BY/ ON BEHALF OF THE CLIENTS AS

Sample Name: Foil
Sample Specification: Alloy/temper: 8079-O
Batch No./Date: 3QE15Y259-A10-2 2016.1
Manufacturer: /

SAMPLE NO.	DESCRIPTION	PHOTOGRAPH
721624231-2	Foil	

TEST METHOD

- Aluminium alloy composition test
 - With reference to EN 602:2004
 - Acid digestion, followed by analysis using Atomic Absorption Spectrometry (AAS) or Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).



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TEST RESULTS

1. Aluminium alloy composition test

Test Item(s)	Result(s) [%]	Method Detection Limit(s) [%]	
Iron	0.17	2.0	
Silicon	0.11	13.5	
Chromium	<0.02	0.35	
Manganese	<0.02	4.0	
Magnesium	<0.02	11.0	
Nickel	<0.02	3.0	
Zinc	<0.02	0.25	
Titanium	<0.02	0.3	
Copper	<0.02	0.6	
Zirconium	<0.02	0.3	
Tin	<0.02	Each max.0.05% and Total max.0.15%	
Antimony	<0.02		
Strontium	<0.02		
Arsenic	<0.02		
Tantalum	<0.02		
Lead	<0.02		
Thallium	<0.02		
Beryllium	<0.02		
Total of HMs(except Aluminum)	0.28		/
Aluminum	>99.0		Predominate

Note: 1.% denotes percentage by weight
2. < denotes less than

-END OF THE TEST REPORT-

