

# Lianyungang Yuanda Quartz Product Co., Ltd

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## Inspection report of quartz glass plate

No: OTQ-QC0526

<b>Product</b>	quartz tube Purity ≥ 99.995% OH ≤ 10ppm										
<b>Standard</b>	QB		<b>Sample</b>	100 PCS			<b>Date</b>	2016.1.20.			
<b>Grade</b>	1										
<b>Test items</b>											
<b>Chemical Element ppm</b>	<b>Elements</b>	SiO <sub>2</sub>	Al	Fe	Ca	Mg	Li	Mn	K	Na	<b>Total content</b>
	<b>Component analysis</b>	99.9 99%	23.5	3.1	2.1	1.5	2.1	0.6	3.3	3.5	Total: 39.7
	<b>Result</b>	Qualified					COTS		WFX-120 Atomic Absorption Spectrophotometer		
<b>Other features</b>	<b>Technical feature</b>	<b>OH Content</b>	<b>Transmission</b>			<b>thermal stability</b>		<b>crystalline</b>	<b>thermochromism</b>		
			<b>190nm</b>	<b>253.7nm</b>							
	<b>Request</b>	.....	≥30%	≥87%		Without noched No crack		≥85%	≤4%		
	<b>Analytical</b>	.....	≥30%	≥87%		Without noched No crack		≥86.7%	≤1.2%		
	<b>Test result</b>	.....	Qualified	Qualified		Qualified		Qualified	Qualified		
	<b>COTS</b>	.....	UV-1100uvs			GWL-1300 High temperature furnace		UV-1100 UVS	UV-1100 UVS		
<b>Transmissivity curve</b>											

**Inspect:**

Inspection department YUANDA QUARTZ  
 PRODUCTION

Engineer: Mr. Liu