



Analysis Certificate

Certificate Number : 1	Certificate Date :
	shift : 1
Description Of goods : Porcelain tile	Tiles / Cartons : 4
Brand Name : Royal	According ISO standard 13006/2018 group (BIa) annex G
<u>Dimension: 40x40 x2CM</u>	

No.	Test item	Royal Q.C Lab	Required by ISO standard 13006 BIa		Test Standard
1	Length and width	0.11%	± 0.3	± 1mm	ISO 10545-2
2	Thickness	0.3mm	± 5 %	± 0.5mm	ISO 10545-2
3	Straightness of sides	0.08	± 0.3 %	± 0.8mm	ISO 10545-2
4	Rectangularity	0.05	± 0.3 %	± 1.5mm	ISO 10545-2
5	Center curvature	0.02	± 0.4 %	± 1.8mm	ISO 10545-2
6	Edge curvature	0.05	± 0.4 %	± 1.8mm	ISO 10545-2
7	War page	0.08	± 0.4 %	± 1.8mm	ISO 10545-2
8	Water absorption %	Average(0.4%)	Eb ≤0.5 %		ISO 10545-3
9	Breaking strength, in Newtons	Average(7991.4N)	Not less than 1 300		ISO 10545-4
10	Surface abrasion	Class 4	Abrasion class and cycles passed		ISO 10545-7
11	Crazing resistance	no cracks	Required		ISO 10545-11
12	Thermal chock resistance	no cracks	Required		ISO 10545-9
13	Resistance to chemicals	Class GA	Required		ISO 10545-13
14	Resistance to staining	Class5	Min class 3		ISO 10545-14
15	Surface quality Min. tiles shall be free from visible defects	99%	95%		ISO 10545-2

ROYAL COMPANY
For Ceramics Industry