



Certificate of Analysis

Trade Name: Photoluminescent pigments Ym07

Pigment appearance: Yellowish white

Chemical Composition: SrAl_2O_4 : Eu²⁺, Dy³⁺, K_2SiO_3 (For water-resistant layer)

Chemical name: Strontium aluminate

Ingredient	CAS No.	Content (%)
Aluminum Oxide	1344-28-1	20~50
Calcium Carbonate	471-34-1	0~20
Strontium Carbonate	02/05/33	30~60
Boric Acid	10043-35-3	1~6
Didysprosium trioxide	1308-87-8	0~1
Dieuropium trioxide	1308-96-9 0.	02~1

We hereby certificate that the above product is composed of the following ingredients and that does not have any other components.

Test report

Référence N° : TRHZ1007801

Date : July 20th 2010

Substances recherchées	MDL (mg/kg)	Résultats des tests (mg/kg)	Valeurs limites (mg/kg)
Masse (g)	0,28		
Volume (ml)	14,15		
Al	21787,01	15	5625
As	<0,5	0,5	3,8
B	3455,1	15	1200
Ba	37,94	15	1500
Cd	<0,2	0,2	1,3
Co	<2	2	10,5
Cr III + Cr VI (a) (#)	<0,2	0,2	0,02
Cr III	<0,2	0,2	37,5
Cr VI	<0,02	0,02	0,02
Cu	<2	2	622,5
Hg	<0,5	0,5	7,5
Mn	<2	2	1200
Ni	<2	2	75

Pb	<1	1	13,5
Sb	<2	2	45
Se	4,53	2	37,5
Sn (b)	<0,2	0,2	15000
Organoétain	NR*		0,9
Sr	59773,09	15	4500
Zn	<15	15	3750
Commentaires	/		
Méthode	CI – 7.4.2.2		

Main material I: Aluminate Strontium, Eu, Dy

Test request: Search absence of soluble heavy metal contained, according the European Standard on Safety of Toys, EN 71 Part 3:1994+A12002

Test method: accoring EN 71 PART 3 1994 + A1: 2002

Conclusion: Test results are compliant with EN71 PART 3 1994 + A1: 2002