

Date of impression 16.07.2021/14:01:12
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edition 16.07.2021

material denomination **SYNCRYSTAL Sapphire**
material-no. 035650MJ0
material description Free flowing blue powder comprising platelets of synthetic fluorophlogopite coated with titanium dioxide, ferric ferrocyanide and small amounts of tin oxide

material specification

insp. characteristic	specification	unit
visual and colorimetric evaluation	pass	
Ti00127 D 50	20,0 - 25,0	µm
Ti00154 total aerobic bacteria count	<= 100	cfu/g
Ti00154 total yeast & mould count	<= 100	cfu/g
Ti00027 titanium dioxide	38,0 - 53,0	%
Ti00027 tin oxide	0,0 - 1,0	%
Ti00074 Pb	0,0000 - 0,0001	%
Ti00074 Cd	0,0000 - 0,0001	%
Ti00075 Sb	0,0000 - 0,0001	%
Ti00075 As	0,0000 - 0,0001	%
Ti00075 Hg	0,0000 - 0,0001	%
Ti00147 ferric ferrocyanide (CI 77510)	3,0 - 8,0	%
Ti00247 pH of 10% aqueous suspension	3,0 - 8,0	
Ti00147 synthetic fluorophlogopite	38,0 - 59,0	%
Ti00076 Ba	0,0000 - 0,0010	%
Ti00076 Co	0,0000 - 0,0010	%
Ti00076 Cr	0,0000 - 0,0010	%
Ti00076 Cu	0,0000 - 0,0010	%
Ti00076 Ni	0,0000 - 0,0010	%
Ti00076 Zn	0,0000 - 0,0010	%
Ti00000 pathogens	absent	

total shelf life in month: 36

EC-safety data sheet-no. 035650MJ0

Other remarks:

INCI name	CI No.	CAS No.	EINECS No.
synthetic fluorophlogopite		12003-38-2	234-426-5
titanium dioxide	77891	13463-67-7	236-675-5
ferric ferrocyanide	77510	14038-43-8	237-875-5
tin oxide		18282-10-5	242-159-0

Pigment is unstable to alkaline and some salts.

We confirm that the raw material is in consistence with the relevant European Cosmetics Directives and the US Government regulations as specified in 21 CFR for all intended cosmetic uses of the ingredient.

The Data on this technical information sheet correspond with the current status of our knowledge and experience.

The liability for the application and processing of our products lies with the buyer, and he is also responsible for observing any third party rights.

We reserve the right to alter any product data as a result of technical progress or further developments in the manufacturing process.

technical data sheet

Draft

Technical services

16.07.2021

Approval

Production

16.07.2021

Release

Quality control

16.07.2021

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