



# POLYKEM JUPITER (P) LTD

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## CERTIFICATE OF ANALYSIS

### FILCARB-150 S

Not Intended For Medicinal Use

#### Raw Material Physical Properties

CaCO <sub>3</sub>	99.5%	CaO	55.91%
MgCO <sub>3</sub>	0.30%	SiO <sub>2</sub>	0.09%
Fe <sub>2</sub> O <sub>3</sub>	0.01%	Al <sub>2</sub> O <sub>3</sub>	0.04%
HCl insoluble content	0.20%	MgO	0.05%
Cr <sub>2</sub> O <sub>3</sub> (PPM)	4-5 Max	L.O.I	43.64%

#### Product Physical Properties

<b>Fineness</b>	
Residue on a 45 Microns sieve (ISO 787/7)	0.01%
Top cut (d <sub>97</sub> %)	9.89 Microns
Mean particle size (d <sub>50</sub> %)	2.91 Microns
Particles < 2 Microns	45
<b>Whiteness</b>	
Brightness (R <sub>y</sub> , C/2, DIN 53163)	97.00%
Brightness CIE L*, a*, b* (DIN 6174)	98 / 0.18 / 0.9
Moisture ex works (ISO 787/2)	0.20%
<b>GENERAL PRODUCT DATA:</b>	
Loose bulk density	0.91 ±0.05 gm/cm <sup>3</sup>
pH value (ISO 787/9)	9
Oil absorption (ISO 787/5)	16.5 ±1 g/100ml
VO absorption (ISO 787/5)	17 g/100g

We confirm that the material sample has been tested according to industry standards and found to be meeting the standard defined specifications.