

# Certificate of Analysis

Description: Pumice Powder NMP - 16

Lot No: 61275

Inci Name: Pumice

CAS No: 1332-09-8

Einecs No: N/A

ANALYTICAL DETAILS	RANGE	RESULTS
DESCRIPTION	An inert, pozzalanic. foamed mineral exhibiting high mechanical strength and low density	Complies
COLOUR	Light grey grains	Complies
ORIGIN	Light white natural alumino-silicate of volcanic origin	Complies
HARDNESS (MOSH SCALE)	6 – 6.5	Complies
MELTING POINT (°C)	1600	Complies

TYPICAL CHEMICAL ANALYSIS	RANGE	RESULTS
SILICA (SiO <sub>2</sub> ) (%)	74.13	Complies
ALUMINIUM OXIDE (Al <sub>2</sub> O <sub>3</sub> ) (%)	11.8	Complies
FEERIC OXIDE (Fe <sub>2</sub> O <sub>3</sub> ) (%)	1.39	Complies
MAGNESIUM OXIDE (Mg <sub>2</sub> O <sub>3</sub> ) (%)	0.02	Complies
CALCIUM OXIDE (CaO) (%)	0.32	Complies
SODIUM OXIDE (Na <sub>2</sub> O) (%)	3.50	Complies
POTASIUM OXIDE (K <sub>2</sub> O) (%)	4.33	Complies
MANGANESE OXIDE (MnO) (%)	0.05	Complies
TITANIUM DIOXIDE (TiO <sub>2</sub> ) (%)	0.08	Complies
LOSS ON IGNITION (%)	4.28	Complies

GRAIN DISTRIBUTION (MICRONS)	RANGE	RESULTS
+400 (%)	0 – 2	Complies
400 – 200 (%)	45 – 65	Complies
250 – 212 (%)	25 – 35	Complies
212 – 106 (%)	5 – 10	Complies
TAPPED DENSITY (g/cm <sup>3</sup> )	≈0.55	0.58

Date Produced: February 2014

Best Before: February 2017

R00338

Revised: 13/02/2014