

The Clay Cure Co.

Zeolite Detox

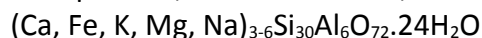
CLINOPTILOLITE (<40 microns)

Technical Data

This document was revised on 6th May 2016 and supersedes all earlier versions.

Product Description

Clinoptilolite, a natural zeolite, with approximate empirical formula:



A beige coloured powder.

Mineralogical Analysis (Typical Data)

Clinoptilolite	88-95%	Muscovite	0-3%
Feldspars	3-5%	Cristobalite	0-2%
Montmorillonite	2-5%		

Elemental Analysis (Typical Data)

SiO ₂	69.10%	Fe ₂ O ₃	0.69%
Al ₂ O ₃	12.50%	Na ₂ O	0.22%
CaO	3.96%	TiO ₂	0.08%
K ₂ O	2.55%	MnO ₂	<0.01%
MgO	1.16%	LOI	9.71%

Heavy Metals (Analysis of 18th April 2016)

As	1.7 ppm	Pb	11.9 ppm
Cd	< 0.02 ppm	Hg	< 0.005ppm

Physical Properties (Typical Data)

Colour	Beige
Bulk Density	0.55 – 0.65 MT/m ³
Cation Exchange Capacity	1.5 – 1.9meq/g
Micropore Area	11m ² /g
Mesopore Area	29m ² /g
pH	7.0 – 9.0

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