

Certificate of Analysis

Liquid Nanoclay

(Purity: >99%, APS: 80-100nm)

Stock No: NS6130-09-943, CAS: 1332-58-7

Product Name	:	Liquid Nanoclay
Stock No	:	NS6130-09-943
CAS	:	1332-58-7
Moisture	:	0.65%
Porosity (SK-9)	:	80%
Specific Gravity	:	0.513gm/cc
Retention on BSS 300	:	33.40%
Loss on ignition	:	15.07%
Silica as SiO ₂	:	45.55%
Alumina as Al ₂ O ₃	:	38.10%
Ferric Oxide as Fe ₂ O ₃	:	0.57%
Titanium Oxide as TiO ₂	:	0.59%
Magnesium Oxide as MgO	:	0.02%
Manganese Oxide as MnO	:	0.03%
Calcium Oxide as CaO	:	0.04%
Sodium Oxide as Na ₂ O	:	0.01%
Potassium oxide as K ₂ O	:	0.02%
ph (at 5% Solution)	:	3.79

Note 1: Values are given in % unless otherwise specified.

Note 2: All figures above are weight for weight as determined by ICP