



## ZEOLITE A4

**Commodity: Zeolite**

**CoCrystalline synthetic aluminium and sodium silicate**

**Chemical Formula:  $2(\text{SiO}_2)\text{-Al}_2\text{-O}_3\text{-Na}_2\text{- O-4-4,5}(\text{H}_2\text{O})$**

**Grade: 4A**

**n°CAS: 1318-02-1**

**n°EINECS: 215-283-8**

Indicator	Chemical Composition (%)
Al <sub>2</sub> O <sub>3</sub>	: 28
SiO <sub>2</sub>	: 33
Na <sub>2</sub> O	: 17
Loss on ignition (%)	: max 21
Ca-binding capacity (mg CaO/g anh)	: >160
Oil absorption (%)	: min 40
Mean particle size (µm)	: 3-5
Whiteness, L*	: >96
pH (5% water suspension)	: 11
Apparent density (g/l)	: 350

### CHARACTERISTICS

- : White powder insoluble in water**
- : Excellent ion-binding properties on aqueous medium**
- : High capacity for the absorption of liquids**
- : Good effective, even at low dosage**
- : Not harmful to human or environment**