TECHNICAL DATA SHEET

ZEOLITE

PRODUCT IDENTIFICATION

Chemical Name	**Zeolite**
INCI Name	Sodium Alumino Silicate
Chemical Formula	Na2O.Al2O3.2SiO2.4.5H2O
Molecular Mass	365 g/mol
CAS Number	1318-02-1
EC Number	215-283-8
Used For	Detergent Powder
Function	Detergent powder as water softener
Storage Conditions	Keep container tightly closed and in a dry place (as per MSDS/COA)
Shelf Life	2 years

SPECIFICATIONS

No.	**Test**	**Specification**	**Method**
1	Appearance	Off white to white fine powder	RMTM-01
2	Bulk Density (g/cm3)	0.50-0.60	RMTM-08
3	Sieve Test (wet sieve) - More than 45µm	<0.3%	RMTM-17
4	Ca2+ Exchange Capacity	320±10 mg CaCO3/g min	RMTM-28
5	Particle Size (µm)	2.0-5.0	RMTM-28
6	Ignition Loss (800°C, 60 min)	20±0.5	RMTM-28
7	pH @ 25°C (5% w/w aqueous solution)	11-11.5	RMTM-04

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