



MAGNESIA

MINERAL COMPOUNDS

SeaWater concentrate by Magnesia GmbH 100% Natural, 100% European origin

(Magnesia 7799100)

Why use chemical and synthetic products, when mother nature offers natural and high quality alternatives.

Our SeaWater Concentrate powder is a unique ingredient to fortify Food and Food Supplements with essential Minerals and Trace Elements. It is manufactured from high quality European seawater by a special process combining tradition with modern technique. Due to the high concentration of Magnesium and Potassium our SeaWater concentrate is designated for the formulation of natural enriched products with those macrominerals. But also the unique profile and the high concentration of more than further 50 trace elements makes our product that special.





MAGNESIA

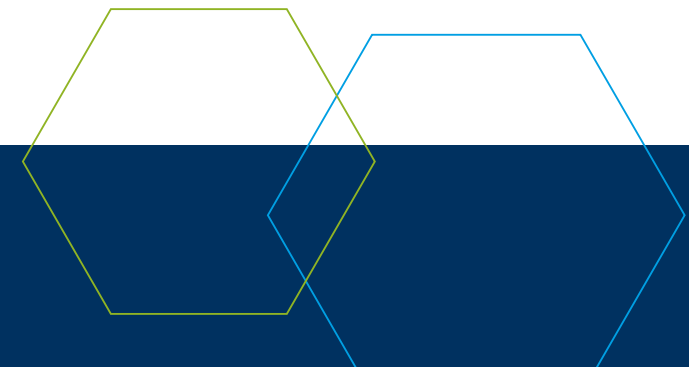
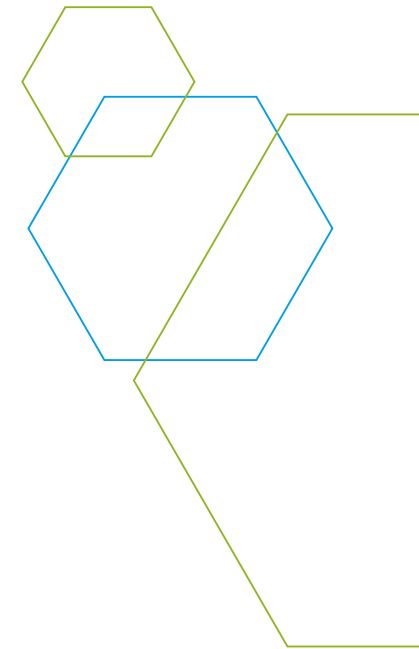
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MINERAL CONTRIBUTION	SEA WATER (MG/KG) **	SEA WATER CONCENTRATE MINIMAL QUANTITIES (MG/KG) **	CONCENTRATION FACTOR
Magnesium	1,300	> 90,000	x 70
Potassium	400	> 15,000	x 37
Chloride	19,352	> 300,000	x 15
Sodium	11,000	> 60,000	x 5
Manganese	0.27	> 1	x 4
Calcium	400	> 150	Depletion

** for a standard sea water salinity of 35g/l





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SeaWater concentrate is produced thanks to an unique manufacturing process:

1st step: Salt marshes process: A slow and natural evaporation process

2nd step: Mechanic water evaporation of concentrated seawater by spray drying

Technology

This special two step process leads to a rich mineral powder that specifically concentrates minerals of interest, naturally occurring in seawater, while limiting the concentration of sodium.

