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## INTEROFFICE MEMORANDUM

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**TO:** DR. PETER OST

**FROM:** WOLF VON ZUR MUEHLEN

**SUBJECT:** CERTIFICATE OF ANALYSIS

**DATE:** SEPTEMBER 14, 2009

**CC:** PETER KRAEUTLER

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### CERTIFICATE OF ANALYSIS

Sample No. 09013041-001

Authority: AGES, Vienna / Austria

<b>Product:</b> HERBAGREEN basic	<b>Producer:</b> Mikromineral GmbH, Bahnhofstr. 53, A-7471 Reichnitz/Austria
<b>Date:</b> 05.03.2009	<b>Contact:</b> Dipl. Ing. Gerhard Burdicek e-mail: gerhard.burdicek@ages.at

Parameter	Result		
<u>Dry substance, Nutrient and pH-value</u>			
Silicium (calculated as SiO <sub>2</sub> )	17.8	% by weight	
Total phosphor (calculated as P <sub>2</sub> O <sub>5</sub> )	0.28	% by weight	
Potassium oxide (K <sub>2</sub> O) total	0.10	% by weight	
Magnesium oxide (MgO <sub>2</sub> ) total	1.90	% by weight	
Calcium oxide (CaO)	33.50	% by weight	
Sodium oxide (Na <sub>2</sub> O) total	0.07	% by weight	
Suphur (S)	0.52	% by weight	
<u>Trace nutrients and heavy metal</u>			
Aluminium (Al)	8061.5	mg/kg	
Iron (Fe)	2.52	% by weight	

<u>Trace nutrients and heavy metal</u>			
Copper (Cu)	20.9	mg/kg	
Zinc (Zn)	32.3	mg/kg	
Cadmium (Cd)	0.43	mg/kg	
Chromium (Cr)	109.0	mg/kg	
Nickel (Ni)	39.5	mg/kg	
Molybdenum (Mo)	1.17	mg/kg	
Mangan (Mn)	0.056	mg/kg	
Cobalt (Co)	11.5	mg/kg	

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