



YARA Italia
Ravenna

Product Specification n° HIR-PS-draft

Product : 18.20 + 0.02 Fe + 0.002 Zn		Plant : NPK		
Factory : Ravenna				
Brand : Yara GRAIN		Date : 15.05.2018		
Parameters	Units	Analytical Method	Values	Notes
Total nitrogen	%	MA 009	18.0	1)
Ammonium nitrogen	%	MA 007	12.5	
Nitric nitrogen	%	MA 010	5.5	
P2O5 neutral citrate and water sol.	%	MA 025	20.0	
P2O5 water soluble	%	MA 026	16.0	
CaO water soluble	%	MA	4.0	
SO ₃ total	%	MA 512	14.0	
SO ₃ water soluble	%	MA 513	12.0	
Iron total. (Fe)	%	MA 516	0.02	
Zinc total (Zn)	%	MA 516	0.002	
pH		MA 031	4.5 - 6.0	
Moisture	%	MA 032	2.0 max.	
Hardness on 2 mm granules	Kg	MA 004	1.5 min.	
Bulk density (loose)	Kg/dm ³	MA 202	0.95 - 1.05	
Caking (24 h - 2 Kg/cm ²)	g/cm ²	MA 201	700 max.	
SSD	cm/h	MA 203	0	
Fraction > 4.0 mm	%	MA 204	6.0 max.	
Fraction 2 - 1 mm	%		15.0 max.	
Fraction < 1.0 mm	%		1.0 max.	

(1) Where enforceable the law tolerances must be considered .