



Certificate of Analysis

Consignee: KVS Agro Bulgaria LTD
39, Ami Bue
Sofia
Bulgaria

Product: NPK 8-11-23 in 40 kg bags on 1200 kg pallets

Product code: PE75BG4BL

Port of Loading: Rauma, Finland

Port of Discharge: Varna, Bulgaria

Sampling Date: 10.9.2018

Batch Number: P272E75BG609

Sample number: UK18-04935-001

Yara ref.: 4818/18

Mode of transportation: 6x20' FCL / MSC

ORIGINAL

MAIN NUTRIENTS

	Min %	Specification	Max %	Result	Unit
Ammonium-N	4.6	5.4		5.8	%
Nitrate-N	1.8	2.6		2.3	%
Total N	6.9	8.0		8.1	%
Water soluble P2O5	8.1	9.2		10.0	%
Ammonium citrate soluble P2O5	10.4	11.5		11.2	%
Total K2O	21.8	22.9		24.4	%

SECONDARY NUTRIENTS

	Min %	Specification	Max %	Result	Unit
Water soluble Mg	1.75	2.30		2.09	%
Total Mg	1.95	2.50		2.31	%
Water soluble S	11.2	11.7		12.2	%
Total S	11.2	11.7		12.2	%

MICRO NUTRIENTS

	Min %	Specification	Max %	Result	Unit
Total B	0.04	0.05		0.051	%
Total Cu	0.04	0.05		0.046	%
Total Mn	0.20	0.25		0.25	%

OTHER

	Min %	Specification	Max %	Result	Unit
Chloride			1.0	0.6	%
KF-H2O			1.0	0.5	%
pH	4.5	5.5		5.3	

TYPICAL PHYSICAL ANALYSIS

	Min %	Specification	Max %	Result	Unit
Density	1150	1200	1250	1226	kg/m3
Granule strength		50		113	N
< 2 mm			2	0.1	%
2 - 4 mm		90		78.1	%
> 4.75 mm			2	0.4	%
D50	3.0	3.3	3.6	3.7	mm

Minna Lautakari

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Laboratory Analyst

Yara Suomi Oy
Uusikaupunki Site
Quality Assurance Laboratory



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Yara Suomi Oy

Mailing Address
P.O. Box 5
23501 Uusikaupunki
Finland

Address
Hangonsaari
FI-23500 Uusikaupunki
Finland

Web
www.yara.com
Email
fiestname.finli@yara.com
Business ID
FI049855-5

Telephone
+358 10 215 111
Facsimile
+358 10 215 3000