

İkitelli O.S.B.Deparko San.Sit. Hürriyet Bulvarı No:1/46-46/A BAŞAKŞEHİR/ İSTANBUL

Telefon : 90 - 212 - 675 05 39

Fax No : 90 - 212 - 675 08 02

Web site : www.askimya.com

E-mail : info@askimya.com

CERTIFICATE OF ANALYSIS

Goods : 42 mt of SODIUM TRIPOLYPHOSPHATE (STPP) DENSE QUALITY

Lot number : AS.K 02/2013

Subject : analysis of the average sample of the above mentioned goods

Invoice number : 9787/2013 DATED 18/11/2013

Delivered by : BY VESSEL / IN CONTAINERS

Production Date : NOVEMBER 2013

Expiry Date : OCTOBER 2015

DESIGNATIONS	UNITS	ANALYSIS	SP-201-D ISSUE 1	NORMS
Appearance	/	OK	Free flowing white powder Free from visible contaminants	/
P2O5 - content as is	%	56.32	56 ± 1	ISO-3357/NFT-20486
STPP- content as is	%	95.18	94±1	ISO-3000/NFT-20492
Other phosphates	%	2.5	5 Maxi	ISO-3358/NFT-20488
Phase I content	%	46.4	35 - 55	NFT - 20496
Water content (loss at 135°C - 4h)	%	0.54	0.5 - 1	ISO-2483/NFT-20401
Water insoluble materials	%	0.023	0.1 Maxi	ISO-R850/NFT-20493
Sodium sulphate content	%	1.95	2.0 Maxi	Plasma Emission
Sodium chloride content	%	0.32	0.5 Maxi	NFT-20495
Reflectance @ 460 nm Compacted tablet (BaSO4)	/	95.8	94 Mini	Hunter L.a.b
Bulk density	g/l	810	700 Mini	ISO-697/NFT-73405
R.O.H				
After 1 mn	°C	88.0	88 - 92	OLTEN - TEST
After 5 mn	°C	91.1	91 - 95	OLTEN - TEST
After 10 mn	°C	92.7	92 - 96	OLTEN - TEST
Particle size				
> 1000 microns	%	0.00	0	ISO-2996/NFT-20485
500 - 1000 microns	%	0.00	1 Maxi	ISO-2996/NFT-20485
250 - 1000 microns	%	4.34	5 Maxi	ISO-2996/NFT-20485
150 - 1000 microns	%	7.13	10 Maxi	ISO-2996/NFT-20485
75 - 1000 microns	%	26.16	30 Maxi	ISO-2996/NFT-20485
< 53 microns	%	60.28	50 Mini	ISO-2996/NFT-20485
pH (1% solution)	/	9.63	9.4 - 10.0	ISO-R851/NFT-20494
Trace Metals				
Cr	ppm	1.1	5 Maxi	Plasma Emission
Co	ppm	<0.1	5 Maxi	Plasma Emission
Ni	ppm	0.9	5 Maxi	Plasma Emission
Cu	ppm	<0.2	5 Maxi	Plasma Emission
Cd	ppm	0.3	1 Maxi	Plasma Emission
Pb	ppm	<1	5 Maxi	Plasma Emission
Hg	ppm	<0.5	1 Maxi	Plasma Emission
As	ppm	<2	5 Maxi	Plasma Emission
Mn	ppm	1.1	5 Maxi	Plasma Emission
Fe	ppm	9	50 Maxi	Plasma Emission
Mg + Ca	ppm	145	400 Maxi	Plasma Emission
K	ppm	1860	2000 Maxi	Plasma Emission