

CERTIFICATE OF ANALYSIS

Goods : 21.000 TO OF SODIUM TRIPOLYPHOSPHATE (STPP) DENSE QUALITY

Lot Number : L7818

Production Date : 15.08.2022

Expiry Date : 14.08.2024

DESIGNATIONS	UNITS	ANALYSIS	SPECIFICATIONS SP-0201-D	NORMS
Appearance	/	OK	Free flowing white powder Free from visible contaminants	/
P2O5-content as is	%	56.68	55,00 - 57,00	ISO 3357/NFT 20486
STPP-content as is	%	93.63	93,00 - 95,00	ISO 3000/NFT 20492
Other phosphates	%	3.76	5,00 Maxi	ISO 3358/NFT 20488
Phase I content	%	47.2	35,0 - 55,0	NFT 20496
Water content (loss at 135°C.4h)	%	0.54	0,50 - 1,00	ISO 2483/NFT 20401/P&G USP731
Water insoluble materials	%	0.039	0,100 Maxi	ISO R850/NFT 20493
Sodium sulfate content	%	1.761	2,000 Maxi	Plasma Emission
Sodium chloride content	%	0.2800	0,0000 - 0,5000	ISO 6227/NFT 20495
Colour values Whiteness	/	96.75	94,00 Mini	Hunter L.a.b
Bulk density	g/l	880	700 Mini	ISO 697/NFT 73405
R.O.H After 3 mn	°C	88.6	88,0 - 92,0	OLTEN - TEST /P&G 64009851
R.O.H After 5 mn	°C	92.4	91,0 - 95,0	OLTEN - TEST /P&G 64009851
R.O.H After 10 mn	°C	93.6	92,0 - 96,0	OLTEN - TEST /P&G 64009851
> 1000 microns	%	0.00	0,00 - 0,00	ISO 2996/NFT 20485
Particle Size 500 - 1000 microns	%	0.00	1,00 Maxi	ISO 2996/NFT 20485
Particle Size 250 - 1000 microns	%	2.88	5,00 Maxi	ISO 2996/NFT 20485
Particle Size 150 - 1000 microns	%	7.69	10,00 Maxi	ISO 2996/NFT 20485
Particle Size 75 - 1000 microns	%	22.56	30,00 Maxi	ISO 2996/NFT 20485
Particle Size < 53 microns	%	68.10	50,00 Mini	ISO 2996/NFT 20485
pH (1% solution)	/	9.68	9,40 - 10,00	ISO R853/NFT 20494
Trace metals Cr	ppm	1.9	5,0 Maxi	Plasma Emission
Trace metals Ca	ppm	<0.1	5,0 Maxi	Plasma Emission
Trace metals Ni	ppm	2.4	5,0 Maxi	Plasma Emission
Trace metals Cu	ppm	<0.2	5,0 Maxi	Plasma Emission
Trace metals Cd	ppm	<0.1	1,0 Maxi	Plasma Emission
Trace metals Pb	ppm	<1.0	5,0 Maxi	Plasma Emission
Trace metals Hg	ppm	<0.5	1,0 Maxi	Plasma Emission
Trace metals As	ppm	2.3	5,0 Maxi	Plasma Emission
Trace metals Mn	ppm	0.5	5,0 Maxi	Plasma Emission
Trace metals Fe	ppm	15	50 Maxi	Plasma Emission
Trace metals Mg+Ca	ppm	217	400 Maxi	Plasma Emission

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DESIGNATIONS	UNITS	ANALYSIS	SPECIFICATIONS SP-0201-D	NORMS
Trace metals K	ppm	1550	2000 Maxi	Plasma Emission