

SODIUM HEXAMETAPHOSPHATE

FOOD GRADE (E452 (i))

TESTS	METHODS	UNITS	LIMITS	RESULTS
Moisture	AOAC 950.01	mass %	max. 0.15	0.11
P ₂ O ₅ total	LST EN 15956:2011 LST EN 15959:2012	mass %	min. 67	68.3
Loss ignition 550°C	EN 12485	mass %	max.1.0	0.6
pH (1% water solution)	pH-meter		6.0-7.0	6.7
Water insoluble residue	Work instruction	mass %	max.0.15	less than 0.01
Arsenic (As)	AOAC 2017.02	mg/kg	max.5.0	less than 1.0
Cadmium (Cd)	AOAC 2017.02	mg/kg	max.0.2	less than 0.1
Mercury (Hg)	ICP-HG	mg/kg	max.0.1	less than 0.05
Lead (Pb)	AOAC 2017.02	mg/kg	max.2.0	less than 1.0
Zinc (Zn)	AOAC 2017.02	mg/kg	max.1.5	0.86
Nickel (Ni)	AOAC 2017.02	mg/kg	max.2.0	0.76
Cooper (Cu)	AOAC 2017.02	mg/kg	max.1.0	1.8
Aluminium (Al)	AOAC 2017.02	mg/kg	max.200	47.5
Chromium (Cr)	AOAC 2017.02	mg/kg	max.10	less than 0.2
Iron (Fe)	AOAC 2017.02	mg/kg	max.100	34.5
Selenium (Se)	AOAC 2017.02	mg/kg	max.0.1	less than 0.5
Sieve test	ISO 8397:1988			
	+2.00mm	mass %	0.2	absent
	+1.00mm	mass %	0.6	0.1
	+0.20mm	mass %	not specified	38.3
	+0.18mm	mass %	not specified	3.2
	+0.075mm	mass %	not specified	28.2

Packing: 25 kg PE bags on pallets