

Live Plant and Animal Material and Accessories and Supplies UNSPSC CODE : 10000000													
Floriculture and silviculture products UNSPSC CODE : 10160000													
Trees and shrubs UNSPSC CODE : 10161500													
Commodity : Lime UNSPSC CODE : 10161583 Selling Unit : Mass-Kg													
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Value 5	Validation	Unit	M	F	G	Demand aggregation
Certification													
1	Conforming to IS : 1540-2 (Latest)	CH	YES	NO						v	v		
2	Whether ISI Marked	CH	YES	NO						v	v	v	
3	CM/L Number (Must declare if ISI Marked)	CH	YES							v			
Grade													
	Grade of Lime	EN	Grade-A	Grade-B	Grade-C	Other				v	v		
Physical Characteristics													
4	Material Type	CH	Powdered material free from Ash & Dirt							v			
5	Available lime (as Ca(OH) ₂) by mass,(min)	N	80	86	88	90				v	v	v	
6	Moisture, % by mass	N	1.0	0.5-0.8				0.5≤N≤0.8		v	v	v	
7	Acid insoluble matter (as SiO ₂) % by mass, max	N	1.0	2						v	v	v	
8	Iron (as Fe ₂ O ₃), % by mass,max.	N	0.2	0.3						v	v	v	
9	Alumina (as Al ₂ O ₃) % by mass,max.	N	0.3							v			
10	Magnesia (as MgO) % by mass,max	N	1.0	1.5						v	v	v	
11	Dead burnt lime (as CaO) % by mass,max	N	2.0	3						v	v	v	
12	Carbon dioxide(as CO ₂), % by mass,max.	N	1.0	2	2.5	3.5				v	v	v	
13	Maganese (as Mn ₂ O ₃) % by mass ,max	N	0.03							v			

14	Material Inspection & Acceptance	CH	Based on Inspection and testing at NTPC station for Availbale lime as Ca(OH)2 and Acid insoluble matter and for other parameters manufacturers / Govt. laboratory test certificate along with each consignment will be required.	NA							√	√		
Packing, Marking														
15	New polyethylene – lined HDPE bags (kg)	N	25	50							√	√	√	
16	The packages shall be marked with the following information: a) Name of the material, b) Indication of the source of manufacture, c) Mass of the material in the package, and d) Lot or batch number to enable the material to be traced from records	CH	YES								√			
Size														
17	Particle Size	EN	Minimum 95 % Material shall pass through 75 micron mesh.	NA							√	√		
Test Report Details														
18	Availability of Test Report from Central Govt/ State Govt/NABL/ILAC accredited lab (hint: Must be declared)	CH	Yes	No							√	√		
19	Test Report Number(Must be declared, write NA if Test Report is not available)	CH									√			
20	Test Report date(Must be declared, write NA if Test Report is not available)	CH									√			
21	Name of the Lab(Must be declared, write NA if Test Report is not available)	CH									√			
22	Address of the Lab (Must be declared, write NA if Test Report is not available)	CH									√			
23	Test Report to be furnished to the Buyer on demand(Must be declared, write NA if Test Report is not available)	CH	YES	NA							√	√		