

AMENDMENT NO: 01 TO SLS 812 : 1988

**SRI LANKA STANDARD SPECIFICATION FOR TRIPLE SUPER – PHOSPHATE
(FERTILIZER GRADE)**

EXPLANATORY NOTE

This amendment is issued to include the maximum limitation for the cadmium content in triple super-phosphate (fertilizer grade), since cadmium available in triple super-phosphate is absorbed by crops and grains which affects the trophic levels of the food chain (bio –accumulation).

AMENDMENT NO: 01 APPROVED ON 2008-08-28 TO SLS 812 : 1988

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TABLE 1 – Requirements for triple super-phosphate

Delete Table 1 and substitute with the following.

TABLE 1 – Requirements for triple super-phosphate

SL No. (1)	Characteristic (2)	Requirement (3)	Methods of test (4)
i)	Moisture, per cent by mass, max.	4	SLS 645:Part 2
ii)	Total phosphates (as P ₂ O ₅), per cent by mass, min.	46.0	SLS 645:Part 5
iii)	Water soluble phosphates of the total phosphate, (as P ₂ O ₅), per cent by mass , min.	80	SLS 645:Part 5
iv)	Free phosphoric acid (as P ₂ O ₅), per cent by mass , max.	3.0	Appendix A
v)	Cadmium content (as Cd), mg/kg, max.	5.0	SLS 242:1973 (Digestion) and Atomic Absorption Spectrophotometric Method (Detection)