

PRODUCT SPECIFICATION

Commodity : Copper Sulphate Pentahydrate : Feed Grade
Product code : 5C013
Chemical Formula : $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

<u>Parameter</u>	<u>Unit</u>	<u>Specification</u>	<u>Method</u>	<u>Period</u>
1.Appearance	-	Blue or ultramarine triclinic Crystal, free flowing powder	Physical Observation	ทุก batch
2.Purity (as $\text{CuSO}_4 \cdot (5\text{H}_2\text{O})$)	%	98 min.	Calculation	ทุก batch
3.Copper (as Cu)	%	25 min.	Titration	ทุก batch
4.Iron (as Fe)	%	0.2 Max.	ICP-OES	ทุก batch
5.Lead (as Pb)	ppm	20 max.	ICP-OES	ทุก batch
6.Arsenic (as As)	ppm	10 max.	ICP-OES	ทุก batch
7.Mercury (as Hg)	ppm	0.1 max.	ICP-OES	ทุก batch
8.Cadmium (as Cd)	ppm	5 max	ICP-OES	ทุก batch
9.pH (1 g in 20 ml.water)	-	3.5-4.5	Electrometric	ทุก batch
10.Particle size			Method	
(passed through 20 mesh)	%	95 min.	Sieve analysis	ทุก batch
(passed through 35 mesh)	%	80 min.	Sieve analysis	ทุก batch
11.Dioxin and furans	ng/kg	0.75 max.	GC-MS/MS	ทุกปี
Shelf life :	1 Year			
Storage :	Room temperature			
Labelling :	As attached			

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