

The following specification is the latest revision (as at 17 Jun 2019) and supersedes all previous specifications for this product code.

Specification Details				
Product Code	FESULP6800	CAS Number	17375-41-6	
Product	Ferrous Sulphate Monohydrate Mini Granular 20-60 Mesh 25kg Bag			
Pack Size	25 kg net Bags			
Customer Name	Horticulture Limited			
Revision	7 (on 21/05/2019)			
Authorised By	Damien Barrett Quality Assurance Manager	Notes	Added Chromium, Amended Molybdenum, Cadmium, Mercury.	

Specifications				
Description	Unit	Typical	Guaranteed	Method
Appearance: grayish to yellowish off-white granule				
Molecular Formula: FeSO ₄ .H ₂ O				
Molecular Weight: 169.92				
Purity as Iron, Fe	%		Min 30.0	Titration
Sulphur, S (calculated on the basis of the purity of Ferrous Sulphate Monohydrate)	%		Min 17.0	Calculation
Lead, Pb	mg/kg		Max 20	
Arsenic, As	mg/kg		Max 5	AFS/Ag(DDTC)-SP
Cadmium, Cd	mg/kg		Max 10	AAS
Mercury, Hg	mg/kg		Max 0.1	AFS
Nickel, Ni	mg/kg		Max 100	AAS
Cobalt, Co	mg/kg		Max 100	AAS
Molybdenum, Mo	mg/kg		Max 100	AAS
Copper, Cu	mg/kg		Max 50	AAS
Selenium, Se	mg/kg		Max 10	AAS
Chromium, Cr	mg/kg		Max 20	HG/T-2935 2006
Particle size: between 20-60 mesh (0.85mm - 0.25mm)	%		Min 95.0	
Typical Particle size distribution:				
> 18 Mesh (1.00mm)	%	0.33		
18 - 20 Mesh (1.00 - 0.85mm)	%	25.67		
20 - 35 Mesh (0.85 - 0.5mm)	%	31.33		
35 - 60 Mesh (0.5 - 0.25mm)	%	36.67		
60 - 140 Mesh (0.5 - 0.106mm)	%	4.67		
< 140 Mesh (0.106mm)	%	1.33		
Total	%	100.0		
The standards/methods cited are for reference only. In practice, we may choose the standards/methods that are deemed to be more appropriate.				



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