



# Specification Magnesium Sulphate Heptahydrate USP

The following specification is the latest revision (as at 05 Mar 2019) and supersedes all previous specifications for this product code.

Specification Details					
<b>Product Code</b>	MASULP9610	<b>CAS Number</b>	10034-99-8	<b>Shelf Life</b>	730 Day
<b>Product</b>	Magnesium Sulphate Heptahydrate USP				
<b>Pack Size</b>	25 kg net Bags				
<b>Customer Name</b>	Baker L & Reeves G A T/A Absolutely Wholesale				
<b>Sales Order</b>	4449346	<b>Customer Ref</b>	Steve 24/10		
<b>Revision</b>	4 (on 2/02/2017)	<b>Std. Compliance</b>	USP38		
<b>Authorised By</b>	Damien Barrett Quality Assurance Manager	<b>Notes</b>	Change to format, no changes to any value.		

Specifications				
Description	Unit	Typical	Guaranteed	Method
Appearance: white crystals			Conforms	
Identification			Passes Test	USP
Assay, MgSO <sub>4</sub> .7H <sub>2</sub> O	%		99.0 - 100.5	
MgSO <sub>4</sub>	%	48.70	report	
pH, 5% w/v solution			5.0 - 9.2	
Loss on ignition	%		40.0 - 52.0	
Loss on drying, 2 hrs @ 105 deg C	%		Max 2.0	
Chloride, Cl	%		Max 0.014	
Iron, Fe, for nonparenteral use	%		Max 0.001	
Arsenic, As	%		Max 0.0002	
Heavy metals as Pb	%		Max 0.001	
Selenium	%		Max 0.003	
Nickel	ppm		Max 1	
Organic Volatile Impurities			Passes Test	USP
Particle size		between 0.2 - 3.0mm		
Conforms to USP38			Conforms	

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