



Spezifikation

Produktbezug:	
Produktnummer	7779251ML
Handelsname / Bezeichnung	Magnesium Hydrogencitrat F/DAC
CAS Nummer	7779-25-1
Andere Bezeichnungen / Synonyme	•citric acid, magnesium salt;
EG Nummer	231-923-9

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen der Lösung	entspricht	
Aussehen	weißes bis fast weißes, hygroskopisches Pulver	
Physikalische Parameter		
pH-Wert	2,5 %-Lösung 3,5 – 4,5	
Löslichkeit	löslich in Wasser bis auf geringe Mengen, praktisch unlöslich in Ethanol (96%), gut löslich in verdünnter Salpetersäure und verdünnter Chlorwasserstoffsäure	
Identifikation		
Gehalt	8 – 9	%
Identifizierung	positiv	
Verunreinigungen		
Schwermetalle (als Pb)	≤ 10	ppm
Oxalate (als wasserfreie Oxalsäure)	≤ 300	ppm
Leicht carbonisierbare Substanzen	entspricht	
Sulphat (SO ₄)	≤ 0,2	%
Elementare Verunreinigungen		
Calcium (Ca)	≤ 0,2	%
Eisen (Fe)	≤ 100	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 15. Mar. 2023

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