



Spezifikation

Produktbezug:	
Produktnummer	598629SM
Handelsname / Bezeichnung	Mangan-Carbonat, metall. Manganese carbonate, metal grade
CAS Nummer	598-62-9
Andere Bezeichnungen / Synonyme	•Mangan(II)-carbonat; •manganese carbonate; •Mangancarbonat / Mangan-II-carbonat; •manganese(2+) carbonate; •Mangan-II-carbonat;
EG Nummer	209-942-9
Zolltarifnummer / CN-Code	28369917
Molekulargewicht [g/mol]	114,95
Formel	MnCO ₃ CMnO ₃

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen		elfenbeinfarbenes bis hellbraunes Pulver	
Geruch		geruchlos	
Physikalische Parameter			
Unlösliche Anteile		in Säure: ≤ 0,1	%
Schüttdichte		~ 3.12	g/ml
Löslichkeit		in Wasser: unlöslich	
Identifikation			
Gehalt		90 – 96,26	%
Verunreinigungen			
Löslicher Anteil		in H ₂ SO ₄ /HCl/HNO ₃ (10%ig): klare Lösung	%
Nitrate	UV	≤ 50	ppm
Sulphat (SO ₄)	UV	≤ 200	ppm
Verunreinigung		Phosphoriger Stickstofftest: klare rosa Lösung	
Elementare Verunreinigungen			
Aluminium (Al)		≤ 20	ppm
Calcium (Ca)	AAS	≤ 200	ppm
Chloride (Cl)		≤ 100	ppm
Chrom (Cr)	AAS	≤ 10	ppm
Kupfer (Cu)	AAS	≤ 30	ppm
Eisen (Fe)	UV	≤ 50	ppm
Kalium (K)		(incl. Natrium/Sodium) ≤ 50	ppm
Mangan (Mn)	Titration	43 – 46	%
Natrium (Na)		(incl. Kalium/Potassium) ≤ 50	ppm
Blei (Pb)	AAS	≤ 15	ppm
Zink (Zn)		≤ 10	ppm

Zusätzliche Angaben:

Verpackung: 25 kg, 50 kg HDPE-Säcke mit Folie innen oder 25 kg Papiertüten mit Folie innen.

regionaler Ursprung: IND

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 22. Nov. 2018

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