



Specification

Concerning Product:	
Article number	598629ST
Trade name / designation / denomination	Mangan-Carbonat, technisch Manganese carbonate, technical
CAS number	598-62-9
Other names / synonyms	•manganese carbonate; •manganese(2+) carbonate;
EC number	209-942-9
Customs tariff number / CN code / TARIC	28369917
Molecular weight [g / mol]	114,95
Formula	MnCO ₃ CMnO ₃

Parameter	Specification	Unit
Organoleptic test		
Appearance	ivory to light brown powder	
Odour	odourless	
Physical parameter		
Bulk density	~ 3.12	g/ml
Solubility	in water: insoluble	
Identity		
Assay	≥ 92	%
Impurities		
Soluble part	in H ₂ SO ₄ /HCl/HNO ₃ (10% Sol.): clear solution	%
Nitrates	≤ 50	ppm
Sulphates (SO ₄)	≤ 200	ppm
Elemental Impurities		
Calcium (Ca)	≤ 200	ppm
Chlorides (Cl)	≤ 100	ppm
Copper (Cu)	≤ 30	ppm
Iron (Fe)	≤ 50	ppm
Potassium (K)	(incl. Natrium/Sodium) ≤ 150	ppm
Manganese (Mn)	(by Titration) ≥ 44	%
Sodium (Na)	(incl. Kalium/Potassium) ≤ 150	ppm
Lead (Pb)	≤ 15	ppm
Zinc (Zn)	≤ 50	ppm

Supplemental information:

Packing: 25 kg, 50 kg HDPE bags with liner or 25 kg Paper bags with liner.

Regional origin: IND

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 10. Aug. 2018

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