




Spezifikation

Produktbezug:	
Produktnummer	7704349ORV
Handelsname / Bezeichnung	Schwefel, rein, Pulver
CAS Nummer	7704-34-9
Andere Bezeichnungen / Synonyme	•Kolloidschwefel; •Schwefel; •Schwefel, gefaellt, sublimiert oder kolloid; •sulfur; •sulfur, precipitated, sublimed or colloidal;
EG Nummer	231-722-6
EG-Index-Nummer	016-094-00-1
Molekulargewicht [g/mol]	32,07
Formel	S1 (bzw. S8)
Achtung  UN 1350/1350 / 2448, ADR/RID Kl. 4,1, III	
Verursacht Hautreizungen. Mit viel Wasser und Seife waschen.	

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	Pulver, gelb	
Geruch	schwefelartig	
Physikalische Parameter		
Säuregehalt	H2SO4 ≤ 0,01	%
Wassergehalt	≤ 0,01	%
Unlösliche Anteile	Schwefelkohlenstoff ≤ 0,03	%
Schmelzbereich	114,5 – 119,3	°C
Identifikation		
Gehalt	≥ 99,95	%
Verunreinigungen		
Glührückstand	≤ 0,01	%
Elementare Verunreinigungen		
Eisen (Fe)	≤ 0,001	%
Partikelgrößenverteilung		
Partikel	325 Mesh ≤ 15	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 10. Apr. 2024

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