



Spezifikation

Produktbezug:	
Produktnummer	7704349V01
Handelsname / Bezeichnung	Schwefel, anorg, min. 99,9%, Ph. Eur
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	Specification	Unit
Sensorische Prüfung		
Aussehen der Lösung	farblos gegen Wasser	
Aussehen	gelbes Pulver	
Geruch	kein Geruch nach Hydrogensulfid	
Physikalische Parameter		
Säuregehalt	(H ₂ SO ₄): ≤ 0,01	%
Wassergehalt	≤ 0,01	%
Unlösliche Anteile	Unlösliches in Schwefelkohlenstoff: ≤ 0,03	%
Sauer reagierende Substanzen	entspricht	
Schmelzbereich	114,5 – 119,3	°C
Löslichkeit	entspricht	
Identifikation		
Gehalt	Gesamtschwefel: ≥ 99,9	%
Identifizierung	A, B: entspricht	
Verunreinigungen		
Glührückstand	≤ 0,01	%
Sulphatasche	≤ 0,1	%
Sulphat (SO ₄)	≤ 100	ppm
Verwandte Substanzen	Sulfid: entspricht	
Elementare Verunreinigungen		
Chloride (Cl)	≤ 100	ppm
Eisen (Fe)	≤ 0,001	%
Partikelgrößenverteilung		
Partikel	Siebrückstand 45µm (325mesh): ≤ 25	%

Zusätzliche Angaben:

Entspricht der Monographie: Ph.Eur.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 17. Feb. 2026

LF-Basis: ()

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