



Spezifikation

Produktbezug:	
Produktnummer	10034998MCF
Handelsname / Bezeichnung	Magnesiumsulfat 7-Hydrat crystalline
CAS Nummer	10034-99-8
Andere Bezeichnungen / Synonyme	•1H-1,2,4-triazol-3-amine; •1H-1,2,4-triazol-3-ylamine; •1H-[1,2,4]Triazol-3-ylamine; •3-Amino-1,2,4-Triazole; •3-Amino- 1,2,4-triazole; •3-Amino-1H-1,2,4-triazole; •4-Amino-1,2,4-triazole; •Amitrol; •Anhydrous magnesium sulfate; •MAGNESIUM SULFATE;
EG Nummer	600-073-4 231-298-2
Molekulargewicht [g/mol]	120,37
Formel	MgSO4 MgO4S

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	körniges, kristallines Pulver oder farblose Kristalle	
Physikalische Parameter		
Molare Masse	246,48	g/mol
Schüttdichte	979 – 981	g/l
Löslichkeit	(in H ₂ O @ 20°C) 26,2 – 26,4	%
Löslichkeit	leicht löslich in Wasser, langsam löslich in Glycerin, leicht löslich in Alkohol	
Identifikation		
Gehalt	≥ 99,5	%
Gehalt	MgSO ₄ 49,1 – 49,3	%
Identifizierung	entspricht	
Verunreinigungen		
Glührückstand	40,0 – 52,0	%
Elementare Verunreinigungen		
Calcium (Ca)	9,9 – 10,1	ppm
Cadmium (Cd)	≤ 1	ppm
Chloride (Cl)	59,9 – 60,1	ppm
Quecksilber (Hg)	≤ 0,1	ppm
Kalium (K)	699 – 701	ppm
Natrium (Na)	34,9 – 35,1	ppm
Blei (Pb)	≤ 4	ppm
Selenium (Se)	≤ 30	ppm

Nährstoffgehalt		
Wasser (Nährstoff)	50,6 – 50,8	%
Partikelgrößenverteilung		
Partikel	< 1,0 mm 69,9 – 70,1	%
Partikel	d50 0,74 – 0,76	mm

Zusätzliche Angaben:

Entspricht der Monographie: FCC

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 10. Feb. 2022

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