




Spezifikation

Produktbezug:	
Produktnummer	32900
Handelsname / Bezeichnung	Neostigminmethylsulfat Kl. 6.1, UN-Nr. 3249, PG III
CAS Nummer	51-60-5
Andere Bezeichnungen / Synonyme	•Neostigmine Methylsulfate; •Neostigmine methyl sulfate; •Neostigminmethylsulfat; •Neostigminmetilsulfat; •[3-[dimethylamino(oxo)methoxy]phenyl]-trimethylammonium; methyl sulfate; •neostigmine metilsulfate;
EG Nummer	200-109-5
Zolltarifnummer / CN-Code	29242998
Molekulargewicht [g/mol]	334,38858
Formel	C ₁₃ H ₂₂ N ₂ O ₆ S
Gefahr  3249, 6.1, III	
Lebensgefahr bei Verschlucken. Lebensgefahr bei Hautkontakt. Lebensgefahr bei Einatmen. Staub/Rauch/Gas/Nebel/Dampf/Aerosol nicht einatmen. Atemschutz tragen. Besondere Behandlung dringend erforderlich (siehe ... auf diesem Kennzeichnungsetikett). Alle kontaminierten Kleidungsstücke sofort ausziehen. Entsorgung des Inhalt/Behälter gemäß den örtlichen / regionalen / (inter)nationalen Vorschriften.	

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung	Ph.Eur	klar und farblos	
Aussehen		weißes Pulver	
Physikalische Parameter			
Säuregehalt	Ph.Eur	entspricht	
Trocknungsverlust		≤ 0,5	%
Identifikation			
Gehalt		98,5 – 101,0	%
Gehalt	HPLC	3-Dimethylaminiphenol ≤ 0,01	%
Gehalt	HPLC	3-Dimethylcarbamoyloxy-N,N-dimethylaniline ≤ 0,10	%
Gehalt	HPLC	3-Hydroxyphenyl-trimethylammoniummethylsulfate ≤ 0,10	%
Gehalt	HPLC	Zusätzliche Nebenprodukte ≤ 0,10	%
Identifizierung	USP	B, C: entspricht	
Infrarot Spektroskopie		entspricht	
Schmelzpunkt (Identität)	Ph.Eur	144 – 149	°C
Verunreinigungen			
Glührückstand	Ph.Eur	≤ 0,1	%
Sulphat (SO ₄)	Ph.Eur	≤ 200	ppm
Sulphat (SO ₄)	USP	entspricht	
Verunreinigung		≤ 0,2	%
Restlösemittel			
DiMethylSulfOxide (DMSO)	GC-MS	≤ 10	ppm
Elementare Verunreinigungen			
Chloride (Cl)	USP	entspricht	%

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 Waltrop, 19. Aug. 2020

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