



## Spezifikation

Produktbezug:	
Produktnummer	99763REU
Handelsname / Bezeichnung	Methyl-4-hydroxybenzoat BP/EP/USP/NF/FCC (Methylparaben)
CAS Nummer	99-76-3
Andere Bezeichnungen / Synonyme	•4-Hydroxybenzoesäuremethylester; •Methyl-4-hydroxybenzoat; •Methyl-4-hydroxybenzoat mikronisiert; •Methyl-4-hydroxybenzoate; •Methyl-4-hydroxybenzoate micronised; •Methylparaben; •Methylparabene; •Nipagin M; •methyl 4-hydroxybenzoate;
EG Nummer	202-785-7
Zolltarifnummer / CN-Code	29182900
Molekulargewicht [g/mol]	152.14
Formel	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>
<b>Achtung</b>  UN 3077, 9, III	
Giftig für Wasserorganismen, mit langfristiger Wirkung.. Freisetzung in die Umwelt vermeiden. Verschüttete Mengen aufnehmen. Entsorgung des Inhalt/Behälter gemäß den örtlichen / regionalen / (inter)nationale Vorschriften.	

Parameter	Test Method	Specification	Unit
<b>Sensorische Prüfung</b>			
Aussehen der Lösung	EP/BP	entspricht / complies	
Aussehen		weißes, kristallines Pulver	
<b>Physikalische Parameter</b>			
Säuregehalt	EP/BP/USP/NF	(0,1 M NaOH): ≤ 0,1	
Säuregehalt	FCC	gelb ohne auch nur einen leichten Stich rosa	
Trocknungsverlust	FCC	≤ 0,5	%
<b>Identifikation</b>			
Gehalt	EP/BP/USP/NF/ FCC	98,0 – 102,0	%
Infrarot Spektroskopie	EP/BP/USP/NF/ FCC	entspricht / complies	
Schmelzpunkt (Identität)		(light transmission) 125 – 128	°C
Schmelzpunkt (Identität)		von p-Hydroxy-Benzoesäure 213 – 217	°C

<b>Verunreinigungen</b>			
Glührückstand	USP/NF/FCC	≤ 0,1	%
Sulphatasche	EP/BP/FCC	≤ 0,1	%
Verwandte Substanzen	EP/BP/USP/NF	Gesamtverunreinigungen ≤ 1,0	% [w/w]
Verwandte Substanzen	EP/BP/USP/NF	Nicht spezifizierte Verunreinigungen ≤ 0,5	% [w/w]
Verwandte Substanzen	EP/BP/USP/NF	p-Hydroxy-Benzoesäure ≤ 0,5	% [w/w]
<b>Restlösemittel</b>			
Restlösemittel		Methanol: ≤ 3000	ppm
<b>Elementare Verunreinigungen</b>			
Blei (Pb)	FCC	≤ 2	ppm

**Zusätzliche Angaben:**

**Mindesthaltbarkeit:** 5 Jahre

**Entspricht der Monographie:** BP/EP/USP/NF/JP/FCC

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 11. Nov. 2024

LF-Basis: (2024-02-15)

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