



Specification

Concerning Product:	
Article number	5026620CKOS
Trade name / designation / denomination	Methylparaben Natrium kosmetikqualität (p-Oxybenzoesäure-methylester Na)
CAS number	5026-62-0
Other names / synonyms	•Methyl Paraben, Sodium Salt; •Methyl-4-hydroxybenzoate Sodium; •sodium 4-(methoxycarbonyl)phenolate; •sodium 4-methoxycarbonylphenolate;
EC number	225-714-1
Customs tariff number / CN code / TARIC	29182900
Molecular weight [g / mol]	174.12915
Formula	C ₈ H ₇ NaO ₃
Danger   UN 3077, 9, III	
Causes skin irritation. Causes serious eye damage. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Call a POISON CENTER or doctor/physician. Collect spillage. Dispose of contents/container in accordance with local/regional/(inter)national regulations.	

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	10% in Water: clear	
Appearance	white powder	
Colour	Hazen colour 1% in H ₂ O: ≤ 50	
Physical parameter		
Loss on drying	≤ 5,0	%
pH value	(0,1% in H ₂ O) 9,5 – 10,5	
Identity		
Assay	HPLC: ≥ 95,5	%
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm

Sulphates (SO ₄)	≤ 300	ppm
Related substances	p-HBA-Na ≤ 3,0	%
Related substances	total impurities: ≤ 1,0	%
Related substances	Unspecified impurities ≤ 0,5	%
Residual Solvents		
Residual solvents	Methanol ≤ 3000	ppm
Elemental Impurities		
Chlorides (Cl)	≤ 350	ppm

Annotation:

Colour of product may change during storage. Results for colour of solution may vary to release result but remain in specification.

COSMETIC GRADE Product manufactured according to ISO 22716:2007 Cosmetics - Good Manufacturing Practice (GMP)

Identification FTIR (Method: Ph. Eur.) and Organic volatile impurities (Method: USP/NF) are fulfilled.

Supplemental information:

Shelf life: 2 years

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 07. Aug. 2024

LF-Basis: 7.0 (2015-10-01)

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