



## Specification

Concerning Product:	
Article number	123319BUGMP
Trade name / designation / denomination	Hydroquinone USP, GMP
CAS number	123-31-9
Other names / synonyms	•1,4-dihydroxybenzene; •Benzene-1,4-diol; •HYDROQUINONE; •Hydroquinone; •Hydroquinone, Crystal; •Hydroquinone, USP; •Hydroquinone-d4-(ring-d4); •Hydroquinone;Quinol; •Quinol; •benzene-1,4-diol;
EC number	204-617-8
EC index number	604-005-00-4
Customs tariff number / CN code / TARIC	29072200
Molecular weight [g / mol]	110,11
Formula	C6H6O2
<b>Danger</b>	3077, 9 (Verschiedene gefährliche Stoffe und Gegenstände), III<... neuer Inhalt ...>
<p>Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye damage. Suspected of causing genetic defects . Suspected of causing cancer . Very toxic to aquatic life. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: IF exposed or concerned: Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Wash with plenty of soap and water.</p>	

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance	fine, crystalline powder	
Colour	colorless to white	
<b>Physical parameter</b>		
Loss on drying	≤ 0.5	%
Melting range	172 – 174	°C
Solubility	soluble in water, alcohol and ether	
<b>Identity</b>		
Assay	(calc. on anhydrous basis) 99.0 – 100.5	%
Identification	C (UV): 293 -2nm	
Identification	A (IR): corresponds to standard	
Identification	B (TLC): corresponds to standard	
<b>Impurities</b>		
Residue on ignition	≤ 0.5	%
<b>Residual Solvents</b>		
Residual solvents	Benzene ≤ 2	ppm
Residual solvents	Ethanol: ≤ 5000	ppm
Residual solvents	Methylenechloride: ≤ 600	ppm
Residual solvents	Methylisobutyketone ≤ 5000	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 30. Oct. 2019

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