

**SPECIFICATION**

**Product** : **HYDROQUINONE** **Page 1 / 1**  
**Product no.** : **0280101025** **Version 10** **valid from:** **03/11**  
**Pharmacopoeia** : **USP**  
**Manufacturer** : **Dr. Bohne Nachf. GmbH & Co. KG, Schwelm, Germany**  
**Synonym** : **1,4 Benzenediol, p-Dihydroxybenzene, Quinol, 1,4-Benzoldiol, Hydrochinonum, p-Dihydroxybenzol**  
**CAS-No.** : **123-31-9** **WGK 3, CH-GIFTKLASSE 3**  
**EINECS** : **204-617-8** **UN 3077, ADR/RID 9, PG III**  
**INCI** : **CIR 010** **Formula** : **C<sub>6</sub>H<sub>6</sub>O<sub>2</sub>**  
**NIOSH/RTECS:** **MX 350 0000** **Mol.-weight** : **110,11**

<b>Controls</b>	<b>Specification</b>	<b>Method</b>
Description	white to almost white crystalline powder, almost odourless	
Identification	A (IR) C (max. 293 nm ± 2)	<197K>
Solubility	soluble in water, freely soluble in alcohol and ether slightly soluble in benzene	
Melting point	172 - 174° C	<741>
Residue on ignition	max. 0,5 %	<281>
Water	max. 0,5 %	<921>
Assay	99,0 - 100,5 %	
Residual solvents	Methylenchloride (max. 600 ppm)	<467>

<b>Storage</b>	:	In airtight containers, protected from light, store dry and at temperatures between + 5 °C and + 25 °C.
<b>Durability</b>	:	3 years