

Technical Data Sheet

Eastman™ Hydroquinone, USP

Chemical Synonym

Hydroquinone

Applications

- Personal care ingredients
- Pharmaceutical chemicals
- Pharmaceutical excipients
- Skin care ingredients

Product Description

Eastman™ Hydroquinone, USP, has been formulated for many years into creams, lotions, and gels to produce effective skin- lightening products. Eastman™ Hydroquinone, USP, meets or exceeds the requirements of the United States Pharmacopoeia and is produced under conditions of current good manufacturing practices for drugs. Because a high quality hydroquinone is needed to ensure safety, effectiveness, and consistent purity and potency, Eastman supplies only Eastman™ Hydroquinone, USP Grade or European Pharma Grade for skin-lightening products worldwide.

Typical Properties

| Property | Typical Value, Units |
|-----------------------------|--|
| General | |
| Molecular Weight | 110.11 |
| Empirical Formula | C ₆ H ₆ O ₂ |
| Appearance | Free-flowing white crystals |
| Assay (Anhydrous basis) | 99.0-100.5 % |
| Melting Point | 172-174 °C |
| Water | 0.5 wt % max. |
| Residue on ignition | 0.5 % max |
| Solubility | |
| in Ethanol, @ 25°C | 36 wt % |
| in Glycerin, @ 25°C | 16 wt % |
| in Propylene Glycol, @ 25°C | 23 wt % |
| in Water, @ 25°C | 7 wt % |

Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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