

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 Pharmacopeia 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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