



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Basic Fuchsin

Synonym	: Fuchsin Basic
Molecular Formula	: $C_{20}H_{20}ClN_3$
Molecular Weight	: 337.85
CAS No.	: 632-99-5
Colour Index No	: 42510
Shelf Life	: 5 years

Technical Specification

Appearance	: Green to dark olive green glistening crystals or powder
Solubility	: 5 ppm in 50% ethanol yields clear solution
Visual pH Transition (KBr disc)	: pH 1.0 (violet) to pH 3.1 (red) FTIR : Matches with the standard pattern.
Absorption maxima	: 545 - 555 nm (5 ppm in 50% ethanol)
Absorptivity	: 2360 - 2710 (5 ppm in 50% ethanol at 545 - 555 nm)
Loss on drying (at 110°C, 2hr)	: $\leq 10.0\%$