



UNISOURCE CHEMICALS PRIVATE LIMITED

Factory : L-15 MIDC TARAPUR, BOISAR - 401506 DIST. Palghar,INDIA.
Tel.: ++91-22-22019990 ; 2205 2250; E-mail: unisourceindia@gmail.com; Web: www.ucplchem.com
AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Bismarck brown R

| | |
|-------------------|--------------------------------|
| Synonym | : Basic Brown 4; Vesuvin R |
| Molecular Formula | : $C_{21}H_{24}N_8 \cdot 2HCl$ |
| Molecular Weight | : 461.39 |
| CAS No. | : 5421-66-9 |
| Colour Index No. | : 21010 |
| Shelf Life | : 5 years |

Technical Specification

| | |
|--------------------------------|---|
| Appearance | : Dark brown or black powder or solid |
| Solubility | : 20 ppm in water yields clear solution |
| Absorption maxima | : 458 - 468 nm (20 ppm in water) |
| Loss on drying (at 110°C, 2hr) | : $\leq 10.00\%$ |
| Dye content | : $\sim 40.00\%$ |