

SPECIFICATION

D&C Red 28

Parameters	Specification
CAS Number	18472-87-2
Appearance	Bright red powder
Molecular Formula	$C_{20}H_{2}Br_4Cl_4Na_2O_5$
Molecular Weight	520.00 g/mol
Boiling Point	500 °C
Melting Point	260 °C
Flash Point	200 °C
Purity	98–99%
Refractive Index	1.65
Solubility	Poorly soluble in water; soluble in ethanol and acetone
Uses	Cosmetic dye used as a colorant in cosmetics (lipsticks, nail polish) and personal care products