



Certificate of Analysis

Brand name: Pure Crocin

Crocin (Trans-Crocin)

Analysis item	Specifications / Results
CAS Number	27876-94-4
Chemical Formula	C ₂₀ H ₂₄ O ₄
Molecular Weight	328.41 g/mol
Type of Compound	Diterpenoids
Appearance	Red Powder
Loss on drying (90°C)	< 1%
Purity	> 98% (HNMR/CNMR) document is available
Melting point	285 °C
Heavy metals (As, Hg, Pb, Cd)	< 40 ppm
Solubility	Soluble in DMSO
Storage condition	Dry, dark and at 2 - 8 °C for months to years

