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Specification

Code No. 12290 Me 689 T

CAS No. 143193-48-0 EEC No. 265-319-1 Acid

Chemical Name 1-(2-Chloro-5-sulfophenyl)-3-methyl-4-(4-dimethylamino-benzylidene)-2-pyrazolin-5-one triethylammonium salt

Structure

\[
\begin{align*}
N(C_2H_5)_3 \cdot H_2O \cdot S
\end{align*}
\]

Molecular Formula C_{25}H_{33}ClN_4O_4S

Molecular Weight 521,06

Product Properties

Appearance Red-orange crystalline powder with green gloss
Loss on drying (%) \( \leq 5 \)
Solubility (H_2O) small residue permissible
Absorption max (nm) \( 502 \pm 1 \) (H_2O)
Extinction \( 1,000 \pm 0,100 \) (0,02g/l; 0,5cm)

Storage cool, dry, tightly closed; durability 36 months

Application Filter dye in photography

Changes in comparison to previous issue: Product properties.