

GRM3087 Acridine orange, Practical grade

Product Number Packing

GRM3087 : 10G
GRM3087 : 25G

Product Information

Product Code : GRM3087
Product Name : Acridine orange, Practical grade
Synonym : Basic orange 14
Molecular Formula : $C_{17}H_{20}ClN_3 \cdot HCl \cdot 1/2ZnCl_2$
Molecular Weight : 369.96
CAS No. : 10127-02-3
EC No. : 233-353-6
HS Code : 3204 13 00
Colour Index No. : 46005
Shelf Life : 3 years

Technical Specification

Appearance : Red to brown or green or violet powder
Solubility : 5 ppm in water yields faint orange to very dark brown solution
FTIR (KBr disc) : Matches with the standard pattern
Absorption maxima (5 ppm in water) : 489 - 495 nm
Loss on drying (at 110°C, 2 hr) : $\leq 5.00\%$
Dye content : $\sim 78.00\%$

Risk and Safety Information

WGK : 3
Storage Temperature(°C) : Store below 30°C

Transport Information

Marine Pollutant : No
ADR/RID : Not Dangerous Goods
IMDG : Not Dangerous Goods
IATA : Not Dangerous Goods