

GRM122 Neutral red, A.R.

Product Number Packing

GRM122	: 100G
GRM122	: 10G

Product Information

Product Code	: GRM122
Product Name	: Neutral red, A.R.
Synonym	: Basic Red 5; Toluylene red
Molecular Formula	: $C_{15}H_{17}ClN_4$
Molecular Weight	: 288.78
CAS No.	: 553-24-2
EC No.	: 209-035-8
HS Code	: 3212 90 00
Colour Index No.	: 50040
Shelf Life	: 4 years

Technical Specification

Appearance	: Dark green to brown to black crystals or powder
Solubility	: 20 ppm solution in 50% ethanol yields clear red solution
Visual pH transition	: pH 6.80 (red) - pH 8.00 (yellow)
FTIR (KBr disc)	: Matches with the standard pattern
Absorption maxima (20 ppm in 50% ethanol)	: 539 - 544 nm
Loss on drying	: $\leq 18.00\%$
Suitability for microscopy	: Passes test
Dye content	: min. 75.0%

Risk and Safety Information

WGK	: 3
RTECS	: SG1400000
Storage Temperature(°C)	: Store below 30°C

Transport Information

ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods