

RM4423 Phenosafranine, Certified

Product Number Packing

RM4423 : 5G

Product Information

Product Code : RM4423
 Product Name : Phenosafranine, Certified
 Synonym : 3,7-Diamino-5-phenylphenazinium chloride
 Molecular Formula : C₁₈H₁₅ClN₄
 Molecular Weight : 322.79
 CAS No. : 81-93-6
 EC No. : 201-387-0
 HS Code : 3212 90 00
 Colour Index No. : 50200
 Shelf Life : 4 years


Technical Specification

Appearance : Green to dark green crystals or powder
 Solubility : 5 ppm water yields clear solution
 FTIR (KBr disc) : Matches with the standard pattern
 Absorption maxima 1 : 270 - 276 nm (5 ppm in water)
 Absorption maxima 2 : 517 - 523 nm (5 ppm in water)
 Extinction coefficient 1 : >= 30000 (5 ppm in water at 270 - 276 nm)
 Extinction coefficient 2 : >= 29000 (5 ppm in water at 517 - 523 nm)
 Loss on drying (at 110°C, 2hr) : <= 5.0%
 Dye content : min. 80.00%

GHS Safety Information

Hazard Statement(s) : H315-H319-H335
 Precautionary Statement(s) : P261-P305+P351+P338
 Signal Word : Warning
 Hazard Pictogram(s) : 

Risk and Safety Information

R-Phrase(s) : 36/37/38
 S-Phrase(s) : 26-36
 WGK : 3
 RTECS : SG1630000
 Storage Temperature(°C) : Store below 30°C
 Hazard Symbol(s) : 



Product Information

Transport Information

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

A-516, Swastik Disha Business Park, Via Vadhani Indl. Est., LBS Marg, Mumbai-400 086, India. Phone:+91-022-6147 1919
Fax:+91-022-6147 1920 Gram : STERILITY . email : info@himedialabs.com. Visit us at our website: www.himedialabs.com

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