



Specification

Neutral Red

Catalog Number:	NR1001
CAS Number:	553-24-2
Synonyms:	3-Amino-7-dimethylamino-2-methylphenazine hydrochloride, Basic Red 5, Toluylene red
Molecular Formula:	C ₁₅ H ₁₇ ClN ₄
Molecular Weight:	288.78
Storage Temperature:	2°C – 8°C
Retest Period:	Two years from the date of manufacture.

Test	Specification
Appearance	Fine dark green to black powder
Dye Purity	≥ 90%
Dye Content	≥ 50%
Visual Transition Interval	pH 6.8 to 8.0
Acid	Deep red
Base	Yellow-orange
Residue on Ignition	≤ 2.0%
Visible Absorbance Max	536-544nm
Solubility (0.01%, H ₂ O)	Clear solution
pH (0.01%)	3.4 – 5.4

Approved:

Date: December 22, 2015

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-600-4666, Fax: 888-211-5523
docsupport@gojirafc.com