



Specifications

Lissamine Green B

Catalog Number: LG1001
C.I. Number: 44090
CAS Number: 3087-16-9
Synonyms: Acid Green 50; Wool Green S
Molecular Formula: $C_{27}H_{25}N_2NaO_7S_2$
Molecular Weight: 576.62
Storage: 15°C – 30°C

Test	Specification
Appearance:	Black to Dark Red Powder
Assay:	80% minimum
Infrared Spectrum:	Conforms to Structure and Standard
Water-insoluble matter:	0.20% (percent by mass)
Sum of volatile matter at 135°C (Sodium Chloride & Sulfate)	20% (percent by mass)
Combined ether extract:	0.20% (percent by mass)
Leuco Base:	5% (percent by mass)
Arsenic (mg/kg.):	Maximum 3.00
Lead (mg/kg.):	Maximum 2.00
Mercury (mg/kg.):	Maximum 1.00
Cadmium (mg/kg.):	Maximum 1.00
Solubility:	0.1% in H ₂ O; Clear to Very Hazy, Dark Blue to Dark Green Solution

Approved by:

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