



Specifications

Patent Blue V

Catalog Number: PB1004
C.I. Number: 42051
CAS Number: 2768-90-3
Synonyms: Acid Blue 3
Molecular Formula: C₂₇H₃₁N₂O₇S₂Na
Molecular Weight: 582.7
Storage: 15°C – 30°C

Test	Specification
Description:	Dark blue powder
Dye content	> 85.0 %
Subsidiary dyes:	< 2.0%
Water-Insoluble Matter:	< 0.2%
Leuco Base:	< 4.0%
Combined Ether Extract:	< 0.2%
Arsenic:	< 3 mg/kg
Heavy metals (as Pb):	< 40 mg/kg
Lead (Pb):	< 10 mg/kg
Mercury (Hg):	< 1 mg/kg

Approved by:

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