



Specification

Azure C

Catalog Number: AC1019
CAS Number: 531-57-7
C.I. Number: N/A
Synonyms: 3-Amino-7-Methylaminophenothiazin-5-iumchloride
Molecular Formula: C₁₃H₁₂ClN₃S
Molecular Weight: 277.78
Storage: 15°C – 30°C

Test	Specification
Appearance:	Blackish-green powder
IR Spectrum:	Conforms to structure
Solubility (0.1 DI water):	Clear blue to blue-violet solution
Assay (UV-vis):	40% minimum
Absorptivity 1%/1cm, at λ max. 612.8	1290 minimum E(615 = +/-4nm) = 12,000 (minimum)
Loss on drying at (110° C - 1 Hr.):	8% maximum

Approved:

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