



Specification

Azure A

Catalog Number:	AA1013
CAS Number:	531-53-3
C.I. Number:	52005
Synonyms:	3-Amino-7-(dimethylamino)phenothizin-5-ium chloride; 7-(Dimethylamino)-3-amino-3H-phenothiozine hydrochloride
Molecular Formula:	C ₁₄ H ₁₄ ClN ₃ S
Molecular Weight:	291.80
Storage:	15°C – 30°C

Test	Specification
Description:	Dark Green Crystalline Powder
Assay:	80 % minimum
Solubility (0.1% aq.):	Clear blue solution
Loss on drying at 110 Deg.C (1 hour):	< 8.0%
Absorptivity 1%/1cm, At Lambda max. 633.0 nm:	> 1120
Melting Point:	290 deg. C (dec.)
Solubility (Slightly soluble in ethanol)	Soluble in water, Methanol, and glycerol,

Approved:

Date: February 14, 2020

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