ALPHA

Alpha Chemika

ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

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CERTIFICATE OF ANALYSIS

Name Of Item : ACRIDINE ORANGE (base)

Formula : $C_{17}H_{19}N_3$

M.W. : 265.35

Batch No. :

CAS NO. : 494-38-2

Cat. No. : 017A

Date Of Mfg. :

Date of Analysis :

Type Of Test	Standard	Observed
Description	Dark brown colored powder	Dark brown colored powder
Dye content	(Min.) 60%	60.8%
Absorption max.(in 50%		
ethanol)	491-495nm	493 nm
Absorptivity min. (1% 1cm,1		
max. .50%ethanol)	About 1345	1345
Abs. ratio (A1max. 15nm/A		
1 max. 15nm)	1.35-1.55	1.42
Zinc (Zn)	Passes test	Passes test
Loss on drying at 110°C	<5%	2%
Suitability for microscopy	Passes test	Passes test

Results : The above product complies with LR grade