

Certificate Of Analysis

Product Name : Crystal Violet 96 % (C.1.No.42555) AR

Catalog Number : T-8025

Batch Number : 8025 -00000000

CAS Number : 548-62-9

Molecular Weight : 407.99 g/mol

 Mol. Formula : $C_{25}H_{30}ClN_3$

Expire Date : 60 Months



No	Test	Specifications	Results
1	Appearance	Dark green powder	Dark green powder
2	Assay	96.0 - 100.5 %	99.91%
3	Identification	To pass A,B & C test	complies
4	Water (H ₂ O)	max 7.5 %	6.12%
5	Residu on ignition (Ash)	max 1.5 %	0.0015%
6	Alcohol insoluble matter	max 1 %	0.86%
7	Arsenic (As)	max 0.001 %	0.00052%
8	Lead (Pb)	max 0.003 %	0.0019%
9	Zinc (Zn)	passes test	passes
10	Chromatographic purity (by HPLC)	passes test	passes
11	Sensitivity as an indicator	passes test	passes
12	UV absorbance Ratio	0.98 - 1.90	1.10

Corresponds to AR/ACS Grade C.I.No.42555 (Confirms USP Specification) Crystal Violet is a component of Gram staining that allows one to recognize the difference between gram- positive and gram-negative bacteria with differential staining

LABOTIQ Standard of Product Reference to Analar standard and ACS specification



SUDIRO S.Si.
Manager QC