Certificate of Analysis

Product Name	Methylene blue(C.I. 52015) pure USP(pharma grade)
Product Code	GK52015.1000
Lot Number	520150324
CAS Number	61-73-4
Mfg. Date	03/2024
Exp. Date	03/2028

Parameter	Specification	Result
Appearance	Red-Brownish powder	Complies
Assay(titr., calc. on dried basis)	97.0-100.0%	98.56%
Identification	Passes test	Complies
A 1%, 1 cm, λmax	> 2200	2390
λmax in Water	663 - 667 nm	Complies
Residue on ignition	Max. 0.15%	Complies
Loss on drying (105 °C)	8.0-18.0%	11.82%
As	max. 0.008%	0.000152%
Cu	max. 0.02%	Complies
Zn	max 0.01%	Complies
Fe	max 0.05%	Complies
Pb	max. 0.002%	0.000177%
Organic impurities	max. 0.05%	Complies
Microbial load	Passes test	Complies

Analysed 09/03/2024	Quality Control M.F.

GÜNDÜZ CHEMICAL
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