

SUVCHEM

ISO 9001:2015 CERTIFIED COMPANY

OFF: CHAITANYA TOWER, 2ND FLOOR, OFFICE NO.206,

SIDDARTH NAGAR, S.V. ROAD, GOREGAON (WEST), MUMBAI 400062. MH. INDIA.

WORKS: RAJPRABHA LANDMARK IND ESTATE NO.4 UNIT NO. 106 & 107, 1ST FLOOR, BHOIDAPADA,

SATIVALI ROAD, VASAI (EAST), THANE - 401 208. MH, INDIA

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Certificate Of Analysis

PRODUCT NAME	1-10 PHENANTHROLINE HYDROCHLORIDE AR
CAS NUMBER	18551-33-7
MOLECULAR FORMULA	C ₁₂ H ₉ ClN ₂ .H ₂ O
MOLECULAR WEIGHT (M.W.)	234.69
BATCH NUMBER	PM122325
MFG DATE	DECEMBER 2023
BEST BEFORE	NOVEMBER 2027
PRODUCT CODE	P0155900005

DESCRIPTION	LIMITS	RESULTS
ASSAY (TITRATION)	MIN 99.5%	99.80%
MELTING POINT	224-225°C	225°C
SUBSTANCES INSOLUBLE IN WATER	PASSES TEST	PASSES TEST
WATER	7.0-8.5%	7.9%
SULPHATED ASH	<0.2%	0.1%
SUITABILITY AS INDICATOR	PASSES TEST	PASSES TEST
SENSITIVITY TEST FOR IRON (II)	PASSES TEST	PASSES TEST

DISCLAIMER:

- **SUVCHEM™** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM™** shall not be responsible for any damage resulting from handling or from contact with the above product.