

PRODUCT NAME: NINHYDRIN

ANALYSIS REPORT

SR. NO	TEST	SPECIFICATION	OBSERVATION
1.	Synonym	2,2-dihydroxy-1,3-indanedione	----
2.	EINECS NO	207-616-1 WGK 2	----
3.	HS-No.	291440900000	----
4.	Molecular Formulae Molecular Wt	C ₉ H ₆ O ₄ 178.2	----
5.	Appearance	Light yellow to whitish crystalline powder	Light yellow to whitish crystalline powder
6.	Melting Point	253°C-255°C With Decomposition	254-255°C
7.	Sulphated Ash	MAX 0.1 %	Complies
8.	p ^H 1% Solution	4.6 to 5.5	5.2
9.	Loss On Drying	8-11 %	9.36 %
10.	Solubility (0.1 g in 10 ml Water)	Solution is clear and not more than pale yellow in colour	Clear solution.
11.	Sensitivity as reagent for Amino Acids	As per standard	Passes test
12.	Solubility in Acetone	Clear solution	Clear solution
13.	Assay by titration	Min. 99%	99.94%