

Certificate of Analysis

Product: Phloroglucinol Dihydrate	Batch No.: INP190104
Manufacturing date: JAN ,15, 2019	Quantity:500.00kg
Expiry date: JAN.14, 2021	Package:25kg/DRUM
Sample Receiving Date: JAN .15, 2019	Reporting Date: JAN .17, 2018
Testing Item: Full test	Specification : Ph. Eur. 9

Items	Acceptance Criteria	Results
Appearance	White or almost white powder	White powder
Solubility	Sparingly soluble in water, freely soluble in ethanol(96%),practically insoluble in methylene chloride	Conforms
Identification		
a)IR	(a) IR confirms to the CRS(2.2.24)	Conforms
b)TLC	(b) The principal spot in the chromatogram obtained with the test solution is similar in position and size to the reference solution	Conforms
c)Loss on drying	(c) Between 20.0 % to 23.0%	21.60%
Appearance of solution	Clear and not more intensely coloured than reference solution BY5	Conforms
pH of solution	Between 4.0 to 6.0	5.9
Related substances	Impurity A not more than 0.15%	Not detected
	Impurity D not more than 0.15%	Not detected
	Impurity E not more than 0.15%	Not detected
	Impurity K not more than 0.15%	Not detected
	Impurity L not more than 0.15%	Not detected
	Impurity I not more than 0.15%	Not detected
	Unspecified impurities not more than 0.10%	Not detected
	Total impurities not more than 0.3%	Not detected
Chlorides	Not more than 200ppm	Conforms
Sulfates	Not more than 500ppm	Conforms
Heavy metals	Not more than 20ppm	Conforms
Sulfated ash	Not more than 0.1%	0.04%
Residual solvent	1,2,4-trimethyl benzene not more than 20ppm	Not detected
Assay (on the dried basis)	Between 99.0% to 101.0%	100.10%
Conclusion: The results conform with Ph. Eur. 9		