

**Certificate of analysis**

Product:	Para Chloro Meta Xylenol USP (PCMX)	Batch No.:	091015013
Molecular wt.:	156.61	Cas No.:	88-04-0
Mfg. Date:	July-2013	Date of Analysis:	16-July-2013
Exp. Date:	June-2018	Molecular Formula:	C ₈ H ₉ ClO

SR. No.	TEST	SPECIFICATION	RESULT
1	Description	White or creamy white crystals or crystalline powder, Odor Characteristic. It is volatile in steam	White crystalline Powder. Odor Characteristic. It is volatile in steam
2	Solubility	Insoluble in water. Soluble in Methanol, Acetone, Chloroform, Alkali Solution	Complies
3	Standards	Chloroxylenol Contains Not Less than 98% & Not more than 103% of C ₈ H ₉ ClO	Complies
4	Identification	A) Infra Red Absorption Spectrum	Complies
		B) Blue Color with Ferric Chloride in Chloroform solution after addition of pyridine	Complies
		C) Water solution does not give blue color	Complies
		D) With silver nitrate white precipitate produced	Complies
		E) Melting Point 114°C to 116°C	116°C
5	Related Impurities	1.0% Maximum, 3,5 Dimethyl Phenol < 0.2%, Dichloro Di Methyl Phenol < 0.2% , All Other Impurities Max.0.5%	Complies
6	Sulphated Ash	Not more than 0.2%	0.05%
7	Water By KF	Not more than 0.5%	0.13%
8	Iron Content	100 PPM Max	Complies
9	Assay By GC	Not Less than 99%	99.76%

Conclusion: The product complies with the specifications mentioned as above.



QC CHECKED

Supplier & Exporter of Specialty and Fine Chemicals for Research and Production

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