

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	22828
Product	Phenolphthalein White
Lot Number	000331-46066
	3,3-Bis(<i>p</i> -hydroxyphenyl)phthalide
CAS Number	77-09-8
Molecular Formula	C ₂₀ H ₁₄ O ₄
Molecular Weight	318.33

Appearance	White powder
Clarity & Color	Alcohol solution : Passes test
Melting Point	262.5 - 263.0 °C
Heavy Metals	< 0.0010 (as Pb)
Cation	Arsenic (As) : < 8 ppm
Visual Transition Range	From pH 8 (Colorless) to pH 10 (Red)
Loss on Drying	0.03%
Organic Volatile Impurities	Passes test
Related Substances	Chromatographic impurity : < 1%
Residue On Ignition	0.05%
Assay by titration	99.62%
Storage	Store at RT
Additional Information	Identification A, B : Passes test Fluoran : Passes test

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager