

G. AMPHRAY LABORATORIES

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CERTIFICATE OF ANALYSIS

Name of Product	:	PIPERAZINE PHOSPHATE BP	Q. C. No.	:	G-07 / 1287
Batch No.	:	PPH-003/08	Date of Receipt	:	05.12.2007
Mfg.	:	December, 2007.	Date of Analysis	:	05.12.2007
Exp.	:	November, 2012.	Sample Size	:	100 Gms.
Quantity	:	325 Kgs.			

RESULTS OF ANALYSIS

TEST	RESULTS	LIMITS
Description	A white crystalline powder, odorless or almost odorless.	A white crystalline powder, odorless or almost odorless.
Solubility	Sparingly soluble in water, practically insoluble in ethanol (95 %).	Sparingly soluble in water, practically insoluble in ethanol (95 %)
Identification A B C	Complies M. P. = 159.2 ° Complies	A reddish colour is produced slowly. Melting Point about 159 ° C A Solution yields the reactions characteristic of phosphates.
Acidity (pH of a 1 % w/v solution)	6.29	6.0 to 6.5
Heavy Metals	< 20 ppm	NMT 20 ppm
Water	8.64 %	8.0 to 9.5 %
Assay (On Anhydrous Basis)	99.22 %	98.5 to 100.5 %

REPORT: THE ABOVE BATCH COMPLIES WITH THE PRESCRIBED STANDARD OF QUALITY AS PER BP.

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AUTHORISED SIGNATORY