

Kalchem International

Chemicals & Compounding Supplies

CERTIFICATE OF ANALYSIS

Product: Acyclovir micronized Manufacture date: 2013.05.08 Batch NO.: 130508
 Package: 25kg/drum Expiry date: 2016.05.07 Quantity: 2 kg

TESTS	SPECIFICATION	RESULTS	
Description	White or almost white crystalline powder	White powder	
Solubility	Very slightly soluble in water ,soluble in diluted hydrochloric acid ,insoluble in alcohol	Complies	
Identification	Infrared absorption should conform	Complies	
	HPLC retention time should conform	complies	
Color and clarity of solution	Clear, not more intense than Y ₇	Complies	
volatile Organic impurities	Meet the requirement	Complies	
Related substance	TLC	Maximum 0.5.percent	0.30%
	HPLC	guanine: Maximum 0.7percent	0.52%
		single impurity , : Maximum 0.5percent	0.21%
		Total impurities :Maximum 1.0.percent	0.31%
Water	Maximum6.0percent	3.9%	
Assay (Anhydrous basis)	98.5-101.0%	99.2%	
Particle size	90% pass 20um	Complies	

CONCLUSION:THE RESULTS CONFORM WITH USP35STANDARD.

QC Director:

Test:

Check:

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