

WLS E29-1

# UNIVERSAL

CORPORATION LIMITED

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## CERTIFICATE OF ANALYSIS

Working standard name	Erythromycin Ethyl Succinate	Raw material source	Anuh Pharma Ltd
Working standard number	WRS EE15-137	Raw material B/No	EES103C14
Effective date	02/2015	Raw material Mfg date	03/2014
Valid up to	02/2016	Raw material Exp date	02/2017
Reference standard batch number	2.0	Reference standard source	EDQM
Test(s) qualified for	Assay	Certificate No:	WRS-282
Test protocol	BP2013.		
<b>ITEMS</b>	<b>SPECIFICATIONS</b>	<b>RESULTS</b>	
Description	White or almost white crystalline powder	White crystalline powder	
Identification: A. IR Spectrophotometry	A. The IR absorption spectrum of the substance is concordant with the spectrum of Erythromycin Ethyl succinate CRS	A. The IR absorption spectrum of the substance is concordant with the spectrum of Erythromycin Ethyl succinate CRS	
Water	NMT 3.0%	1.37%	
Sulphated Ash	NMT 0.3%	0.07%	
Free erythromycin	NMT 6.0%	2.33%	
Assay (% w/w on anhydrous basis)			
Erythromycin (A+B+C)	Min 78.0%	81.27%	
Erythromycin B	Max 5.0%	0.53%	
Erythromycin C	Max 5.0%	2.02%	
Storage	Kept in tightly closed container, protected from light and stored in a cool dry place		

The above referred material **complies/ does not comply** with the BP2013 specifications

Name: Simon KASIM

Name: DR. RADNAN J

Name: DR. Gumbrey

Signature: [Signature]

Signature: [Signature]

Signature: [Signature]

Date: 12/03/15

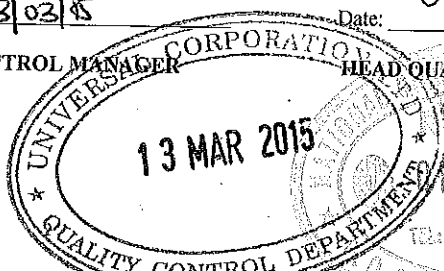
Date: 13/03/15

Date: 13/03/15

ANALYST

QUALITY CONTROL MANAGER

HEAD QUALITY ASSURANCE



DIRECTORS: P.R Dhanani (British), R.R. Dhanani (Kenyan), P. Kesitalo (Finnish)  
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