

CERTIFICATE OF ANALYSIS

Product : **FOLINIC ACID CALCIUM SALT**
 Product number : F0619
 Batch number : 011508
 Date of production : 13-11-2012
 Date of analysis : 30-11-2012
 Date of expiry : 30-11-2017

Packaging and storage : store in a well-closed container, protected from light

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	beige-yellow powder	complies		
Identity:				
- IR-spectrum	conform	complies		
- HPLC	conform	complies		
Solubility	soluble in water	complies		
Appearance of solution	clear and absorbance ≤ 0.25	clear and < 0.1		
Water	≤ 17.0	14.6	%	Karl Fischer
Related substances	conform	complies		HPLC
Specific optical rotation	$+14.4 - +18.0$	$+16.1$	°	2.5% in H ₂ O
pH	$6.8 - 8.0$	7.9		2.5% in H ₂ O
Heavy metals	≤ 20	< 20	ppm	
Chloride	≤ 0.5	0.2	%	
Assay	$97.0 - 102.0$	100.0	%	HPLC

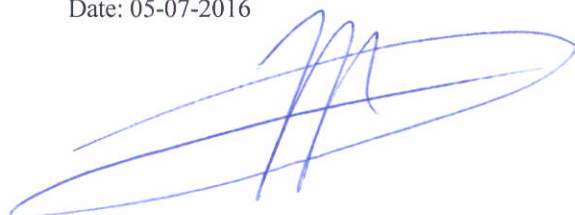
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
 Department of Quality Control Duchefa B.V.

Date: 05-07-2016



The buyer is responsible to test each batch to ensure the product is suitable for its specific purpose.