

THIAMINE MONONITRATE



CERTIFICATE OF ANALYSIS

Productcode : 0418943
 Lot No. : UQ80803230
 Analysis No. : 01A33681

Test	Result	Limits / Specifications	Dimension / Units
Appearance visual	Powder	Powder	
Colour visual	White	White Almost white	
Clarity of a solution 2 pc in water Ph.Eur.	Clear	Clear	
Colour of a solution 2 pc in water Ph.Eur.	Not more than Y7	Not more than Y7	
pH of a solution 2 pc in water Ph.Eur.	7.4	6.8 to 7.5	
Identity Ph.Eur.(test A,C)	Corresponds	Corresponds	
Loss on drying Ph.Eur.	0.1	max. 0.5	%
Sulphated ash Ph.Eur.	<0.1	max. 0.1	%
Heavy metals Ph.Eur.	≤10	≤10	ppm
Chlorides USP	≤300	≤300	ppm
Assay (dried) Ph.Eur.	99.7	98.0 to 101.0	%
Residual solvents			
Ethanol	Corresponds*	≤500	ppm
GC-Headspace			
Cyclohexane	Corresponds*	≤50	ppm
GC-Headspace			
Related substances			
Specified imp. A Ph.Eur.	≤0.15	≤0.15	%
Specified imp. B Ph.Eur.	≤0.6	≤0.6	%
Specified imp. C Ph.Eur.	≤0.4	≤0.4	%
Unspecified imp. (each) Ph.Eur.	≤0.10	≤0.10	%
Total impurities Ph.Eur.	0.6	max. 1.0	%
Lead AAS	Corresponds*	≤1	ppm
Zinc AAS	≤25	≤25	ppm