

## CERTIFICATE OF ANALYSIS

Product : **SILVER NITRATE**  
 Product number : S0536  
 Batch number : 017044  
 Date of manufacturing : 01-03-2022  
 Date of analysis : 19-05-2022  
 Date of expiry : 31-03-2027

Packaging and storage : in a non-metallic container, protected from light


	SPECIFICATION	RESULTS	UNITS	REMARKS
Appearance	white or almost white crystalline powder or colourless crystals	complies		
Solubility	very soluble in water, soluble in ethanol (96%)	complies		
Identification:				
- A (nitrates)	conform	complies		
- B (silver)	conform	complies		
Appearance of solution	clear and colourless	complies		
Acidity / alkalinity	silver nitrate solution is blue when adding bromocresol green solution R, solution is yellow when adding phenol red solution R	complies		
pH	3.6 – 6.0	4.3	%	pH sol
Copper	max. 100	< 3	ppb	
Lead	max. 200	< 22	ppb	
Loss on drying (at 105C)	max. 0.1	0.01	%	
Bismuth	max.100	< 47	ppb	
Assay	99.0 – 100.10	99.99	%	

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: 01-06-2022



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