

Certificate of analysis



Article	2714	Harnstoff
Synonym		Ureum, Urea pura
Synonym		Urea
Batch	161074	
Specification	PH.EUR. 8.0	
Expiry date	08.2018	

Test	Specification	Result
Characters	In accordance	Complies
-Appearance	In accordance	Complies
-Solubility	In accordance	Complies
Identification	In accordance	Complies
-Melting point	132 - 135 °C	133 °C
-IR spectrophotometry	In accordance	Complies
Tests	In accordance	Complies
-Appearance of solution	In accordance	Complies
-Alkalinity	In accordance	Complies
-Biuret	Max 0,1 %	Max 0,1 % #
-Ammonium	Max 500 ppm	Max 500 ppm #
-Heavy metals	Max 10 ppm	Max 10 ppm #
-Loss on drying	Max 1,0 %	0,13 %
-Sulphated ash	Max 0,1 %	Max 0,1 % #
Assay	98,5 - 101,5 %	100,3 % #
Complies specification	*****	Yes

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Release date	09.05.2016	Head of Quality Control	Fr. Dr.Haßel

Result taken from the manufacturer's certificate

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