



Specification

Concerning Product:	
Article number	57136ORY
Trade name / designation / denomination	Harnstoff (Urea), rein, kristallin
CAS number	57-13-6
Other names / synonyms	•Urea crystalline; •Urea pellets; •urea;
EC number	200-315-5
Customs tariff number / CN code / TARIC	310210
Molecular weight [g / mol]	60,06
Formula	CH4N2O

Parameter	Specification	Unit
Organoleptic test		
Appearance	Solid, white, crystalline	
Physical parameter		
Loss on drying	≤ 0,20	%
Loss on drying	≤ 1,0	%
Solubility	Water insoluble matter ≤ 0,04	
Identity		
Assay	99,0 – 101,5	%
Melting Point (identity)	132 – 135	°C
Impurities		
Ammonium	≤ 500	mg/kg
Heavy Metals (as Pb)	≤ 10	mg/kg
Sulphated ash	≤ 0,1	%
Impurity	Biuret ≤ 0,10	%
Elemental Impurities		
Arsenic (As)	≤ 3	mg/kg

Supplemental information:

Packing: 25 kg Carton

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 15. Nov. 2019

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