



Specification

Concerning Product:	
Article number	813945LRV
Trade name / designation / denomination	Tri-Calciumcitrat wasserfrei, rein, food
CAS number	813-94-5
Other names / synonyms	•Calcium citrate anhydrous; •tricalcium dicitrate;
EC number	212-391-7
Customs tariff number / CN code / TARIC	29181500
Molecular weight [g / mol]	498.45
Formula	C ₁₂ H ₁₀ Ca ₃ O ₁₄

Parameter	Specification	Unit
Organoleptic test		
Appearance	powder	
Colour	white	
Physical parameter		
Loss on drying	(@ 180° C) ≤ 2,0	%
Identity		
Assay	(o.d.b.)* ≥ 98,0	%
Identification	complies	
Impurities		
Sulphates (SO ₄)	≤ 0,01	%
Elemental Impurities		
Arsenic (As)	≤ 0.0003	%
Chlorides (Cl)	≤ 0,01	%
Copper (Cu)	incl. Zn: ≤ 0,005	%
Lead (Pb)	≤ 0,001	%
Zinc (Zn)	≤ 0,0025	%

Annotation:

o.d.b. = on dried basis / auf getrockneter Basis

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 12. Jun. 2019

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