



Specification

Concerning Product:	
Article number	7085554APE
Trade name / designation / denomination	Troxerutin EP
CAS number	7085-55-4
Other names / synonyms	•Trihydroxyethylrutin ; •troxerutin;
EC number	230-389-4
Customs tariff number / CN code / TARIC	29381000

Parameter	Specification	Unit
Organoleptic test		
Appearance	yellowish-green, crystalline powder, hygroscopic	
Physical parameter		
Loss on drying	≤ 5	%
Solubility	freely soluble in water, slightly soluble in ethanol (96%) and practically insoluble in methylene chloride	
Identity		
Assay	95 – 105	%
Identification	A: IR - B: HPCL	
Impurities		
Heavy Metals (as Pb)	≤ 20	ppm
Sulphated ash	≤ 0,4	%
Impurity	Ethylene oxide ≤ 1	ppm
Impurity	St. Aureus: absence in 1 G	
Elemental Impurities		
Arsenic (As)	≤ 1	mg/kg
Cadmium (Cd)	≤ 0,05	mg/kg
Mercury (Hg)	≤ 0,05	mg/kg
Lead (Pb)	≤ 1	mg/kg

Organic volatile impurities		
Methanol	≤ 3000	ppm
Microbiological data		
Escherichia Coli.	absence in 1 G	
Salmonella	absence in 10 G	
Total Plate Count	≤ 1000	CFU/g
Yeast and Mould	≤ 100	CFU/g
Particle size distribution		
Particles	80 mesh: 100	%

Supplemental information:

Derivation: - any other peak: for each peak, max. 5%

- principal peak (Tris (hydroxyethyl)rutin) ≥ 80%

Mono(hydroxyethyl)rutin ≤ 10 %

Tetra(hydroxyethyl)rutin: except for 1 peak which can

Conclusion: This product complies with the EP9.0 01/2017:2133

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 22. Mar. 2023

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