Specification

1.08454.0000 Ethylenedinitrilotetraacetic acid disodium salt dihydrate

	Specification	
Assay (complexometric; calculated as dihydrate)	99.0 - 101.0	%
Identity (IR-spectrum)	passes test	
Identity (Complexation)	passes test	
Identity (Sodium)	passes test	
pH (50 g/l; water)	4.0 - 5.5	
In water insoluble matter	≤ 0.003	%
Chloride (Cl)	≤ 0.004	%
Sulphate (SO_4)	≤ 0.01	%
Cyanide (CN)	≤ 0.001	%
Heavy metals (as Pb)	≤ 0.0005	%
Cu (Copper)	≤ 0.0001	%
Fe (Iron)	≤ 0.0005	%
Pb (Lead)	≤ 0.001	%
Nitrilotriacetic acid (HPLC)	≤ 0.05	%
Loss on drying (150 °C; 6 h)	8.7 - 11.4	%

Dr. Christian Urban
Responsible laboratory manager quality control

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