



Certificate of Analysis

EDTA Ferric Sodium Salt Trihydrate

Trihydrate

Catalog Number: ED1006
Lot Number: 101621r4
CAS Number: 15708-41-5
Molecular Formula: $C_{10}H_{12}N_2NaFeO_8 \cdot 3H_2O$
Molecular Weight: 421.1
Storage: 15°C – 30°C
Retest Date: November 22, 2020 (new retest date)

Test	Specification	Result
Appearance	Yellow powder	Conforms
FTIR (Anhydrous)	To match reference spectra	Conforms
Solubility 90 g/l (20°C) 300 g/l (80°C)	Clear with light yellow color Dissolve 80oC with stirring	Conforms Conforms
Fe	≥ 13%	13.10
Water insoluble matter	≤ 0.05%	0.02
pH (1% of the solution)	4.0 to 6.0	4.59

Approved by:

Date: September 26, 2019

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