

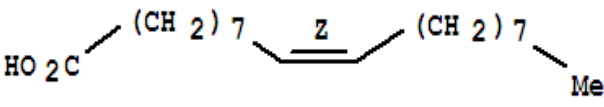


HAIQIANG CHEMICALS CO., LTD

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CERTIFICATE OF ANALYSIS

NO: HQC081405071

Product name	Sorbitan Trioleate, CP2010
CAS Number	26266-58-0
Molecule Structure	
Molecule Formula	C60H108O8
Batch number	20140118
Manufacture Date	2014-01-18
Testing standard	CP2010
Testing date	2014-01-18

Items	Standard	Result
Appearance	Light yellow to yellow liquid	Complies
Acid value	≤17.0mgKOH/g	8.2
iodine value	77-85g /100g	83
Saponification value	169-183mgKOH/g	181
Hydroxyl value	50-75mgKOH/g	70
Peroxide value	≤10meq O ₂ /kg	Comply
Water content	0.7% max	0.04%
Residue on ignition	0.25% max	0.15%
Heavy metals	≤10ppm	Comply
Fatty acid	85.5-90%	89.5%
Conclusion	The products complies with standard CP2010.	

HAIQIANG CHEMICALS CO.LTD
QUALITY CONTROL:
QUALITY CONTROL DEP.

CHECK:姚仙娟

INSPECTOR: 刘清风

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