

CALCIUM STEARATE E

CODE: **CAS-E**

DESCRIPTION: CALCIUM STEARATE E

ISSUE DATE: 11th May 2013

For use as food additives, conforming to FCC and E470a requirements

TECHNICAL SPECIFICATIONS:

Assay	Unit	Min	Max	Method
Identification test for calcium	---	To pass test		FCC
Identification test (freezing point or solidification point)	°C	≥ 54		FCC
Oxide content (as CaO)	%	9.0	10.5	MFACI062
Sieve residue 200 mesh	%		≤ 1.0	MFACI030
Organic volatile impurities	---	To pass test		MFACI025
Bulk density	g/l		≤ 260	MFACI040
Melting point	°C	145	160	MFACI050
Unsaponifiable	%		≤ 2.0	MFACI355
Loss on drying	%		≤ 4.0	MFACI020
FFA (as oleic acid)	%		≤ 1.5	MFACI010
Alkalinity (as NaOH)	%		≤ 0.1	MFACI290
Arsenic	ppm		≤ 3.0	MFACI390
Lead	ppm		≤ 2.0	MFACI390
Cadmium	ppm		≤ 1.0	MFACI390
Mercury	ppm		≤ 1.0	MFACI390
Heavy metals (total)	ppm		≤ 10.0	MFACI390

Quality Control