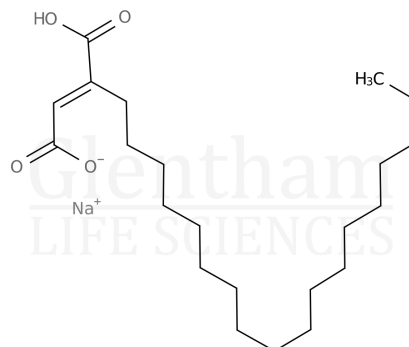


Certificate of Analysis

Product Name	Sodium stearyl fumarate, Ph. Eur. grade
Glentham Code	GX7934
CAS Number	4070-80-8
MDL Number	MFCD00236640
Batch Number	870QIR
Molecular Weight	390.54
Molecular Formula	$C_{22}H_{39}NaO_4$
Storage Temp.	+20°C



Property	Specification	Batch 870QIR
Physical Description	White or almost white fine powder (some agglomeration or flat or circular particles allowed)	Conforms
Identification (IR)	To conform to standard	Conforms
Solubility	Practically insoluble in water, slightly soluble in methanol, practically insoluble in acetone	Conforms
Stearyl alcohol	≤ 0.5%	< 0.5%
Sodium stearyl maleate	≤ 0.25%	< 0.25%
Any Unspecified Impurity	≤ 0.5%	0.2%
Total Impurities	≤ 5.0%	0.7%
Heavy Metals	≤ 20ppm	Conforms
Residual Solvents	Acetone: ≤ 500ppm	< 500ppm
	Methanol: ≤ 300ppm	Conforms
	Ethyl Acetate: ≤ 300ppm	Conforms
	Toluene: ≤ 890ppm	< 890ppm
Water	≤ 5.0%	3.0%
Assay	99.0 - 101.5 % (anhydrous basis)	100.6%
Pharmacopoeia Specification(s)	Ph. Eur.	Conforms

Specification Version	v1.0
Manufacture Date	2022-09-01
Re-Test Date	2029-12-19

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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