

Specification

Technical Data Sheet

Product Name	Naproxen sodium salt
Product No	84610738
CAS Number	26159-34-2
Storage Temperature	2 to 8 °C
Molecular Weight	252.24
	Specification
Appearance	White to almost white crystalline powder
Heavy metals	≤0.002%
Identification	Infrared absorption: The infrared absorption spectrum is concordant with the reference spectrum. Ultraviolet Absorption:absorptivities at 272nm, calculated on the dried base, do not differ by more than 3%
Loss on Drying	≤1.0%
Specific rotation	-17.0° to -15.3°

Specification

Assay (calculated on the dried basis)	98.5% to 101.5%
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Bulk density	0.31-0.57 g/ml
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Particle Size	86% \leq 250 microns
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Related substances impurity D	\leq 0.10%
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Related substances impurity E	\leq 0.10%
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Residual Solvents:Methanol	\leq 50ppm
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Tapped Density	0.45-0.86 g/ml
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Total Impurities	\leq 0.05%
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Any other impurity	\leq 0.10%
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Free Naproxen	\leq 1.0%
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Residual Solvents - Toluene	\leq 50ppm
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