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Certificate of Analysis

Catalogue Number	38118
Lot Number	003411-0720220917
Product	Nitazoxanide 2-(Acetyloxy)-N-(5-nitro-2-thiazolyl)benzamide
CAS Number	55981-09-4
Molecular Formula	C ₁₂ H ₉ N ₃ O ₅ S
Molecular Weight	307.28
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Appearance	Off-white to pale yellow powder
Solubility	Slightly soluble in methanol
Melting Point	199.0 - 200.2 °C
Heavy Metals	< 20 ppm
Water Content (Karl Fisher)	0.16%
Loss on Drying	0.2%
Related Substances	Nitazoxanide related compound A (5-nitrothiazole-2-amine) : Not detected Aspirin (2-acetoxybenzoic acid) : Not detected Salicylic acid (2-hydroxybenzoic) : Not detected Any individual unspecified impurity : 0.1% Total impurity : 0.1%
Residue On Ignition	0.17%
Sulfated Ash	0.023%
Purity by HPLC	99.3%
Storage	Store at 2 - 8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager