

# Specification

## Technical Data Sheet

<b>Product Name</b>	4-Acetamidophenol (Paracetamol)
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<b>Product No</b>	90005078
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<b>CAS Number</b>	103-90-2
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<b>Storage Temperature</b>	Ambient
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<b>Molecular Weight</b>	151.16
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### Specification

<b>Appearance</b>	A white or almost white crystalline powder, odorless, slight bitterness. Sparingly soluble in water, freely soluble in alcohol; very slightly soluble in methylene chloride.
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<b>Loss on Drying</b>	≤0.5%
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<b>Melting Point</b>	168 - 172°C
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<b>Assay</b>	99.0% - 101.0%
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<b>Sulfated ash</b>	≤0.1%
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<b>Heavy Metal</b>	≤10 ppm
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## Specification

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### Infra Red Spectrum

Infra - red spectrum conforms to that of the reference standard.

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### Related Substance

Impurity J:4-Chloroacetanilide 10ppm max; Impurity K: 4-Aminophenol 50ppm max; Impurity F: 4-nitrophenol 0.05% max; Any other impurity: 0.05% max; Total of other impurity: 0.1% max

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### Standard

EP8

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