

SALES SPECIFICATION

EASTMAN

Specification No: T51127-1

Effective Date: 27 March 2017

Page 1 of 1

PRODUCT NAME

Dimethylformamide peptide grade

SPECIFICATIONS

PROPERTY	LIMITS	TEST METHOD
DMF	≥ 99.95%*	GC
Colour	≤ 10 APHA	Colorimetry
Dimethylamine	≤ 3 ppm	Titration
Formic acid	≤ 3 ppm	Titration
Methanol	≤ 0.0008 %	GC
Water	≤ 0.02 %	Karl Fischer
Conductivity (20°C)	≤ 2.5 μS/cm	Conductometry
pH (20% aqueous solution at 25°C ± 0.5)	6.5 - 8.5	pH

* Purity is expressed as % GC purity - % water

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For reasons of safety and accuracy, the person performing this procedure must be thoroughly trained and under the supervision of a professional person who is knowledgeable in the relevant science. Equipment and materials described should be used in accordance with safety precautions recommended by their manufacturers. Limits in this specification are applicable only to data obtained by the referenced test method.

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