



Productos Químicos Industriales, usos de Laboratorio  
y Materias Primas para la Alimentación.

Original  
CERTIFICATE OF ANALYSIS  
102240355

Hamburg, 4<sup>th</sup> December, 2012

CERTIFICATE OF ANALYSIS

Product: DIMETHYLFORMAMIDE  
Quantity: 15.2 mt net  
Batch No: 20121116  
Production Date: 2012.11.16  
Validity Date: 2013.11.16

Item	Specification	Results
Pt-Co chrominance	≤10	5
Dimethylamine ppm	≤15	1
Formic Acid ppm	≤25	2
PH:25°C 20% Aqueous solution	7.0-7.5	7.16
Electric Conductivity: 25°C 20% Aqueous solution, us	≤10	0.18
Moisture ppm	≤500	120
Fe ppm	≤0.05	0.005
Methanel ppm	≤20	2
Heavy component (dimethyl Acetamide) ppm	≤500	38
DMF %	≥99.9	99.98

The above particulars do not release the customer from the obligation to carry out an inspection of goods received

Data as per supplier  
Biesterfeld International GmbH