Honeywell

ALCHEM GRUPA Sp. z o.o.

39070 4-(Dimethylamino)benzaldehyde For the determination of hydroxyproline, ≥99.0% (HPLC)

Specyfikacja:

Property	Value
APPEARANCE (COLOR)	White to Off White
PROTON NMR SPECTRUM	CONFORMS TO STRUCTURE
APPLICATION TEST	SUITABLE FOR THE DETERMINATION OF HYDROXYPROLINE
METAL TRACE ANALYSIS (ICP)	CORRESPONDS TO REQUIREMENTS
CALCIUM (ICP)	0 - 10 mg/kg
CADMIUM (ICP)	0 - 5 mg/kg
COBALT (ICP)	0 - 5 mg/kg
CHROMIUM (ICP)	0 - 5 mg/kg
COPPER (ICP)	0 - 5 mg/kg
IRON (ICP)	0 - 10 mg/kg
POTASSIUM (ICP)	0 - 50 mg/kg
APPEARANCE (FORM)	Powder or Crystals
MAGNESIUM (ICP)	0 - 5 mg/kg
MANGANESE (ICP)	0 - 5 mg/kg
SODIUM (ICP)	0 - 50 mg/kg
NICKEL (ICP)	0 - 5 mg/kg
LEAD (ICP)	0 - 5 mg/kg
ZINC (ICP)	0 - 5 mg/kg
TOTAL SULFUR AS SO4 (ICP)	0 - 50 mg/kg
CHLORIDE (CL)	0 - 50 mg/kg
PURITY (HPLC AREA %)	99 - 100 % rel
MELTING POINT	73 - 75 C
SOLUBILITY (COLOR)	Colorless to Faint Brown
SOLUBILITY (TURBIDITY)	Clear
SOLUBILITY (METHOD)	0.1G IN 10ML SULFURIC ACID CONC.
LOSS ON DRYING	0 - 0.5 %
RESIDUE ON IGNITION	0 - 0.1 %

Właściwości fizyczne:

Property	Value
Cation traces	K: ≤50 mg/kg
Assay	≥99.0% (HPLC)
Anion traces	chloride (Cl^-): ≤50 mg/kg
Mp	73-75 °C
Quality	for the determination of hydroxyproline
Loss	≤0.5% loss on drying
Ign. residue	≤0.1% (as SO_4)
Boiling point	176 - 177 °C
Freezing point	72 - 75 °C

Informacje dot. bezpieczeństwa:

Property	Value
Flashpoint	164 °C
Hazard Class	8
Package Group	III
UN ID	2565