

B0222NN Gold Line**Typical analysis**

Assay	99%
Arsenic (As)	0.0005%
Lead (Pb)	0.001%
Residue on ignition	0.05%
Sulphate (SO ₄)	0.02%

Packaging

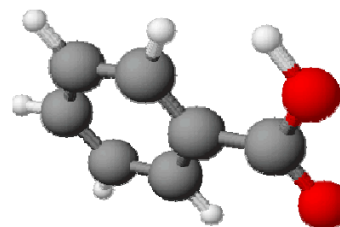
500g white plastic jar

B0223NN Platinum Line**Warranty certificate**

Assay (Acidimetric)	99.5 - 100.5%
Arsenic (As)	0.0003%
Chloride (Cl)	0.0005%
Copper (Cu)	0.001%
Lead (Pb)	0.0005%
Water (H ₂ O) [Karl Fisher]	0.7%
Zinc (Zn)	0.002%

Packaging

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	C ₆ H ₅ COOH or C ₇ H ₆ O ₂
Chemical group	Organic acids
Synonym	Benzene carboxylic acid; Dracylic acid; Phenylformic acid
Atomic weight	122.12
Appearance	White scales, needles or crystals
Solubility	Soluble in alcohol, chloroform, ether, carbon disulphide oil of turpentine, carbon tetrachloride, acetone, benzene, volatile and fixed oils
Melting point	122.4°C
Boiling point	249°C
Flash point	122°C
Density (g/ml)	1.321
pH (aqueous solution)	2.8
Incompatible substances	Oxidizing agents, oxygen, fluorine
Other information	Sublimation above 100°C

Laboratory preparation, applications and practices

Laboratory preparation	Air oxidation of toluene, hydrolysis of benzotrichloride and decarboxylation of phthalic anhydride
Usage	Analytical and synthesis reagent. Acidimetric titrations

Storage and handling information

Storage	Store separated from incompatible substances
Safety phrases	26
Risk phrases	36/38
Disposal methods	16

Transport regulations

Tariff code	2916.31.00
ECB number	200-618-2

