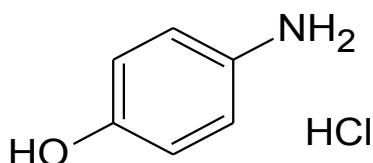


Certificate of Analysis

Structure:



Name	4-aminophenol hydrochloride
BP Name	Paracetamol Impurity K hydrochloride
Synonym(s)	1-amino-4-hydroxybenzene hydrochloride; 4-hydroxyaniline hydrochloride
Epichem Item #	EPL-AA176 Batch 1
CAS #	51-78-5
Molecular Formula	C ₆ H ₇ NO.HCl
Molecular Weight	145.59 g/mol
Purity	99.8% (weight/weight) 100.0% by HPLC at 220nm (assuming all components detected with the same response factor). Contains 0.1% methanol by ¹ H NMR analysis. 0.07% water by Karl-Fischer method. 0.01% ash.
Combustion Analysis	Required (%): C:49.5; H:5.5; N:9.6. Found (%): C:49.6; H:5.4; N:9.6.
Appearance	Grey crystals
Melting Point	Decomposes below melting point
Date of Manufacture	15 October 2015
Handling Precautions	This compound absorbs water from the air and decomposes upon exposure to light and air. Suitable precautions should be taken and/or appropriate techniques used to ensure accurate weighing when dispensing this product.
Storage Requirements	Hygroscopic. Air and light sensitive. Store under inert gas. Protect from heat, light and moisture
Special Precautions	This compound is for laboratory use only. Its toxicological properties may not have been fully established. It should be handled only by suitably qualified personnel.