



Spezifikation

Produktbezug:	
Produktnummer	70188PLIR
Handelsname / Bezeichnung	Glutathion, pure
CAS Nummer	70-18-8
Andere Bezeichnungen / Synonyme	•glutathione;
EG Nummer	200-725-4
Zolltarifnummer / CN-Code	29309099

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung		klar und farblos	
Aussehen		weißes, kristallines Pulver	
Physikalische Parameter			
Trocknungsverlust		(105° C/3h): ≤ 0,5	%
Spezifische optische Drehung		-15,5 – -17,5	°
Identifikation			
Gehalt	CE	≥ 97,5	%
Gehalt		from tiration: 98,0 – 101,0	%
Infrarot Spektroskopie		entspricht den Vorgaben	
Verunreinigungen			
Ammonium		≤ 200	%
Glührückstand		(Sulphate Ash) (@ 600 °C): ≤ 0,1	%
Schwermetalle (als Pb)		≤ 10	ppm
Sulphat (SO ₄)		≤ 300	%
Verunreinigung		A (L-Cysteinylglycine): ≤ 0,5	%
Verunreinigung		Andere ≤ 0,2	%
Verunreinigung		B (Cysteine): ≤ 0,5	%
Verunreinigung		C (L-Glutathione, oxidized): ≤ 1,5	%
Verunreinigung		D (L-y-Glutamyl-L Cysteine): ≤ 1,0	%
Verunreinigung		E (product of degradation): ≤ 0,5	%
Verunreinigung		Summe aller: ≤ 2,5	%
Elementare Verunreinigungen			
Chloride (Cl)		≤ 200	%
Eisen (Fe)		≤ 10	ppm

Zusätzliche Angaben:

Mindesthaltbarkeit: 3 Jahre

regionaler Ursprung: Japan

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 22. Oct. 2019

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